



DRILCO

**PROSCAN
WELLSITE
INSPECTION
SERVICE**

Vertical
Electromagnetic
Wellsite Inspection
Service for
Production Tubing

ProScan* Vertical Electromagnetic Wellsite Inspection Service for Production Tubing

ProScan inspection at the wellhead can help oil and gas operators improve their short and long term production goals by reducing tubing failures. The inspection is performed as the production tubing is pulled from the well, eliminating time-consuming conventional inspection methods.

Inspection Importance

Periodic inspection is an important step in preventing drillstring failure. DRILCO offers quality, API-approved inspection services for drill collars, drillpipe, Hevi-Wate* drillpipe, and other downhole tools. Our worldwide network of service centers and locations offering tubular repair and inspection has been established to ensure global coverage.

Field and in-house inspections

DRILCO onsite repair and inspection services reduce tubular maintenance costs by eliminating unnecessary trucking and tool rentals. Completely self-contained mobile units are easily transported to remote locations, on land or offshore, to repair minor thread and shoulder blemishes onsite.

In-house inspection services are also available at any customer facility or with DRILCO acting as an in-house third-party inspector.

Using nondestructive testing methods, DRILCO inspectors check high-stress areas—such as connections, slips, upsets, welds, radius changes, and tubes—at customer facilities or remote locations. Field repair of minor cracks and thread and shoulder blemishes can be completed onsite to return drilling tools back to service quickly. These field repair and salvage services eliminate unnecessary trucking and rental costs.





Highly trained inspectors. Stringent testing methods.

ASNT Level II-certified DRILCO inspectors are trained extensively in the principles and techniques of oilfield inspection. Tools are marked "OK DRILCO" only after they have been thoroughly inspected strict adherence to API-RP7G, Spec 7, RP 5A5, DS-1, or NS-2 specifications; third-party standards; and customer-defined requirements.

The ProScan Advantage

Inspections

- Localized wall loss (for pitting)
- Thru-wall splits (open or closed)
- Rodwear loss (body wall monitor)
- Thru-wall hole detection (dedicated channel)

Head Inspection Box

Non-contact technology

High-resolution solid state hall sensors monitor the changes in flux density providing a computer data acquisition read out of isolated cross-sectional area wall loss

Inspection rate

Optimum inspection rate is 100–150 ft/min

Independent systems

Split detection and hall sensor array channels are independent of one another, increasing system reliability.

Customer Benefits

Reduce tubing failures

Preventative maintenance via ProScan inspection services at the wellhead reduce downtime, thus lowering lifting costs and improving long-term oil and gas production goals

Mechanical and wear corrosion data

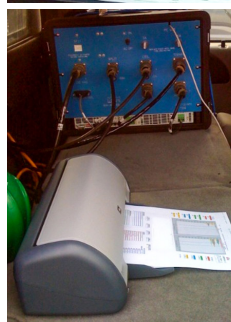
Well Profile Report provides corrosion and wall loss (rodwear) information

Reduced well-servicing costs

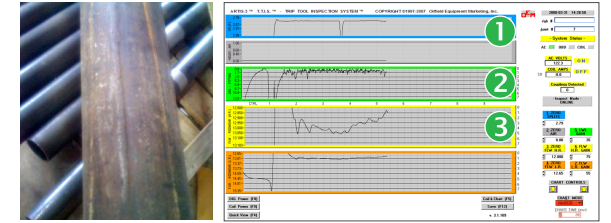
Wells stay online longer reducing workover costs

Experienced personnel

Extensively trained to ensure accurate, reliable, and safe operations

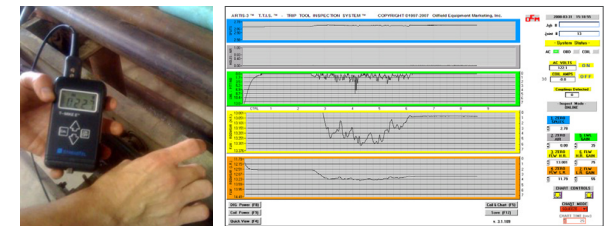


Thru-wall Longitudinal Split



1. Longitudinal split present
2. Corrosive pitting
3. Erosion and isolated rod wear

Internal Rod Wear and Erosion



Isolated Internal Wall Loss



Estimated Corrosion and Wear Report

An end-of-well profile provides valuable information, along with a good faith opinion of overall tubing condition.

Additional Inspection Services

- API/RSC thread inspection (API-TI)
- Dimensional inspection (DT)
- Visual inspection (VT)
- Magnetic particle inspection (MT)
- Liquid-dye penetrant inspection (PT)
- Electromagnetic tubular inspections (ET-MFL)
- Ultrasonic inspection of rotary shouldered connections (UT-RSC)
- Ultrasonic inspection of high-stress areas and tube upsets (UTEA)
- Ultrasonic inspection of full length tube body (FLUT)

ProScan* Wellsite Inspection Service



Wellbore Integrity Solutions (WIS)
1310 Rankin Road
Houston, Texas 77073 USA

Copyright © 2021 Wellbore Integrity Solutions. All rights reserved.

No part of this book may be reproduced, stored in a retrieval system, or transcribed in any form or by any means, electronic or mechanical, including photocopying and recording, without the prior written permission of the publisher. While the information presented herein is believed to be accurate, it is provided "as is" without express or implied warranty.

Specifications are current at the time of printing.

WIS-BR-MKT-015_Rev3

An asterisk (*) is used throughout this document to denote a mark of Wellbore Integrity Solutions.

Other company, product, and service names are the properties of their respective owners.

wellboreintegrity.com