

# CASE HISTORY

## VULCAN™ MFT 24 INSPECTS FRAC CASING IN 420°F DOWNHOLE CONDITIONS

### APPLICATION

Cased Hole Services -  
Casing Analysis

### TECHNOLOGY

Vulcan™ MFT 24

### LOCATION

Asia-Pacific

### CUSTOMER CHALLENGE

The customer needed to conduct a pre-and post-frac casing analysis campaign, but faced extreme downhole temperatures of over 420°F. The customer was looking for a cased hole solution that could provide the data cost-effectively and in a timely manner, while withstanding the high temperatures.

### SCIENTIFIC SOLUTION

Scientific Drilling provided the Vulcan™ MFT 24 in a flasked memory configuration. With the flask, the tool was able to withstand the hostile downhole conditions for extended durations. The tool has a caliper finger every 15°, with large memory capacity providing 100 samples per second. The Vulcan™ MFT 24 successfully logged the wells, and provided high-accuracy, high-resolution casing inspection data to the customer.

### CUSTOMER VALUE

The Vulcan™ MFT 24 caliper system, rated to 428°F, provided data to be used by the customer to identify effective completion styles utilized on future wells. SDI provided the customer with analyzed casing inspection data within 24 hours for pre-and post-fracking on eight wells.

