



CORE SAMPLE ANALYZER

PRODUCT: AccuSense™ Model ASM

APPLICATION DETAILS:

The customer specializes in evaluating core samples taken from a potential site of an oil refinery. After a core sample is taken from a proposed oil reservoir, the customer's core sample analyzer is used to determine porosity, density, and properties of the rock sample. The end customer uses this data to conclude if drilling is possible, or if different types of fluids are necessary in order to drill.

CUSTOMER PROBLEM:

End customer relies on sensor accuracy/sensitivity for site selection

Oil refiners require a sensor that can accurately measure the amount of fluid introduced to the core samples. Without a reliable sensor that can properly measure test substances in core samples, the site data could be inaccurate. Inaccurate data could then lead to the selection of a site that wouldn't be lucrative for oil drilling. The end customer needs to have accurate data from the analyzer to conclude if the site is a worthwhile investment. Without this information before drilling, time and money could be lost in wasteful endeavors.

SETRA SOLUTION:

Setra provided the customer with the AccuSense™ Model ASM, a high-performance pressure transducer designed for applications that require high accuracy. The Model ASM measures the pressure of the different fluids that are introduced to the core sample during analysis. The Model ASM is also more reliable, accurate and provides a better electrical connection than the previous transducer used on the application.



WHY SETRA WON:

ASM provided accurate test data in analyzer results

Setra was able to provide the customer with the AccuSense™ Model ASM, which gave their customers confidence that the core sample analyzer can accurately determine if a site is worth pursuing. As a result of the Model ASM's superior quality, reliability and high accuracy of $\pm 0.05\%$ FS, the customer is assured that they are providing a reputable analyzer to oil refiners.

SETRA STRENGTHS

- $\pm 0.05\%$ FS Accuracy
- Low Thermal Error
- Secure & Simple Field Configuration
- Compact Design
- Rugged Stainless Steel Construction