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**MEETING
PAPER**



HORIZONTAL CORE-DRILLING IN GULF COAST SALT STOCKS

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Abstract

Horizontal, exploratory, core-drill holes within the vertically structured Gulf Coast salt stocks have a great advantage over vertical holes in cost and utility. Very long holes are commonly used for exploration, but if they strike an external brine source, the loss of reserves can be large as no permanent cement against leaks has been developed. A core logged for color, grain, friability, inclusions and unusual features, explores a large, vertically elongate area; the orientation of layering aids in estimating how large.

Analyses can be simple (percent insolubles), routine (every 20 feet) or emphasize extremes. After preparing a quick, generalized, on-site log, the cores should be transported to a well-lighted location for detailed logging, including a graphic log. After sampling, abbreviate the core for permanent storage.

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