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THE SALT SOLUTION: AN INTEGRATED INTERPRETATION AROUND  
A SALT DOME STRUCTURE IN THE  
GULF OF MEXICO

BY

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## The Salt Solution: An Integrated Interpretation Around a Salt Dome Structure in the Gulf of Mexico

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### **ABSTRACT**

Oil and gas fields in the Gulf of Mexico are frequently associated with salt structures. To map the extent of salt and nearby sediments around such a dome, four different types of downhole survey were conducted, with a view toward arriving at an integrated interpretation. A Dipmeter, ULSEL, Salt Proximity, and downhole seismic reflection surveys were employed. Each survey provides information vital to the development of the final model. Accuracy is enhanced where zones of investigation coincide, and overall coverage is increased where zones of investigation separate.

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