

## **Refocusing on the Gulf: How New Seismic Methods Drive New Investments**

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### **Abstract**

The history of discovery in the Gulf of Mexico has been one driven by the continuous development of new technologies especially in the realm of geophysics. Braving to put the drillbit into the ground to try to find something that you cannot see with your own eyes requires that leap of faith and trust that technology is telling us something meaningful. From the first 2D surveys that let us infer only the crudest suggestions of anticlines and salt domes, to modern ocean bottom time lapse surveys that help us understand fluid movement in a reservoir, we are always looking for a better pair of glasses. Each new advancement in technology has either unlocked a new play or allowed us to reimagine an existing one. To push into deeper water and to tap into deeper reservoirs and do so safely. How will these technologies continue to evolve? How will we use seismic data to continue to drive our understanding of the subsurface and its processes? What new secrets can be revealed in a basin that has been consistently revealing them for over 60 years?