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RESEARCH ARTICLE | AUGUST 15, 2019  
**Improving three-dimensional high-order seismic-stratigraphic interpretation for reservoir model construction: An example of geostatistical and seismic forward modeling of Permian San Andres shelf–Grayburg platform mixed clastic–carbonate strata** ✓

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**ABSTRACT**

The three-dimensionally complex, highly progradational mixed siliciclastic–carbonate strata of the San Andres and Grayburg Formations have long been the backbone of



Figures & Tables



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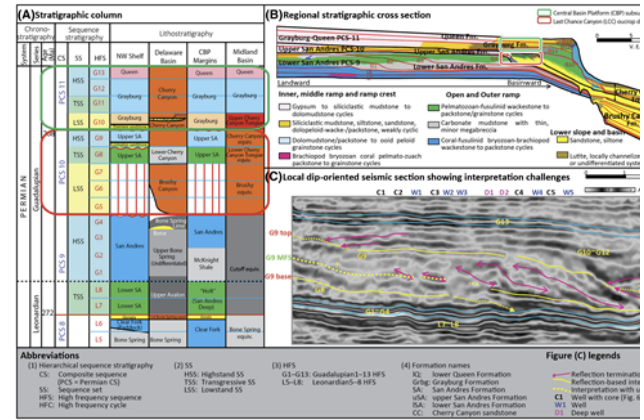


References



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Figure 1.



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Permian San Andres–Grayburg stratigraphy and its challenges in seismic-stratigraphic interpretation of shelf-margin reservoirs. (A) The stratigraphic column and (B) regional stratigraphic cross section are modified from Kerans and Kempton (2002) and Kerans et al. (2013). (C) Local dip-oriented seismic section showing interpretation uncertainties (as dashed lines). The annotated red and green boxes as shown in (A) and (B) represent uncertainties and

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