CO₂ Storage Potential of the MAFLA SHELF, Eastern Gulf of Mexico

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STUDY AREA

Seismic profile, DeSoto Canyon salt roller province

West Florida seismic profile

SELECTED CANDIDATE RESERVOIRS AND SEALS

Well G02468, DeSoto Canyon Salt Basin

Well GJ3912, West Florida Shelf

Punta Gorda Anhydrite

Topseal

Reservoir

Porosity >15%

Reservoir

Porosity locally >20%

Paluxy Formation

Major prospects in sandstone of Tuscaloosa Group and Paluxy Fm.

Reservoir

Porosity >15%

Topseal

Major prospects in porous dolomite associated with anhydrite intervals

Shale

Sandstone

Limestone

Dolomite

Anhydrite