Abstract

This paper will discuss the use of GIS technologies in litigation of historic petroleum lands in coastal Louisiana. Coastal Environments, Inc. employed numerous aspects of GIS technology for a field investigation in support of a multi-million dollar litigation. GIS was used to specifically document historic and present field conditions on an 18,000-acre property with historic and current petroleum production activity. ArcGIS was used to create a field atlas and to examine historic images to establish baseline conditions. ArcPad was used to navigate to selected field locations and collect sample data. A restoration and management plan was later created using ArcGIS.

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