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### **The Empire State Oil and Gas Information System (ESOGIS): An Essential Tool for Exploration and Development in the 21<sup>st</sup> Century**

We have developed an interactive Internet application that will provide quick and easy access to all publicly available oil and gas data from New York. Freely available to all users will be: well location data, production data (from the DEC), scanned photographs of the museum's core collection, digital maps, reports and more. All this data will be integrated and linked in a single GIS-based program with a user-friendly interface. Users will be able to search for individual wells, fields, towns, counties, wells with specific log suites, producing formations and more. The site will include a new digital oil and gas map for the State that can be updated daily or weekly to include newly named fields and new wells in old fields. We also hope to link publicly available seismic data and digital versions of any pertinent outcrop and core studies to the site. In addition to the publicly available data, ESOGIS subscribers will be able to view and download scanned paper files, scanned logs, digitized logs and formation tops. Newcomers to the State will be exploring for hydrocarbons in a matter of days rather than months because there will be little time and money spent on building and managing datasets. Companies already working in New York will be able to access and work with data in a digital format, which will be more time and space efficient than working with paper files. ESOGIS truly is an essential tool for 21<sup>st</sup> exploration and development in the State of New York.