



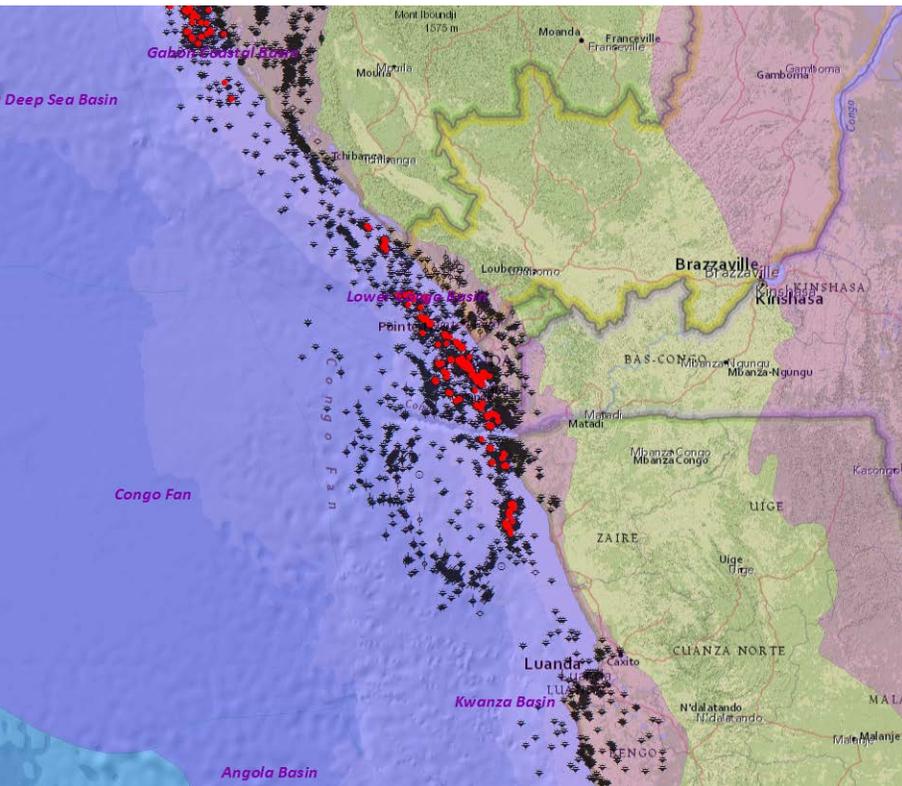
Petroleum Information Management with Esri





Seize the Power of the Platform

When you deploy ArcGIS® software from Esri, you harness the power of location. Now you can wield that power to manage, plan, analyze, map, monitor, and communicate from one complete technology platform.



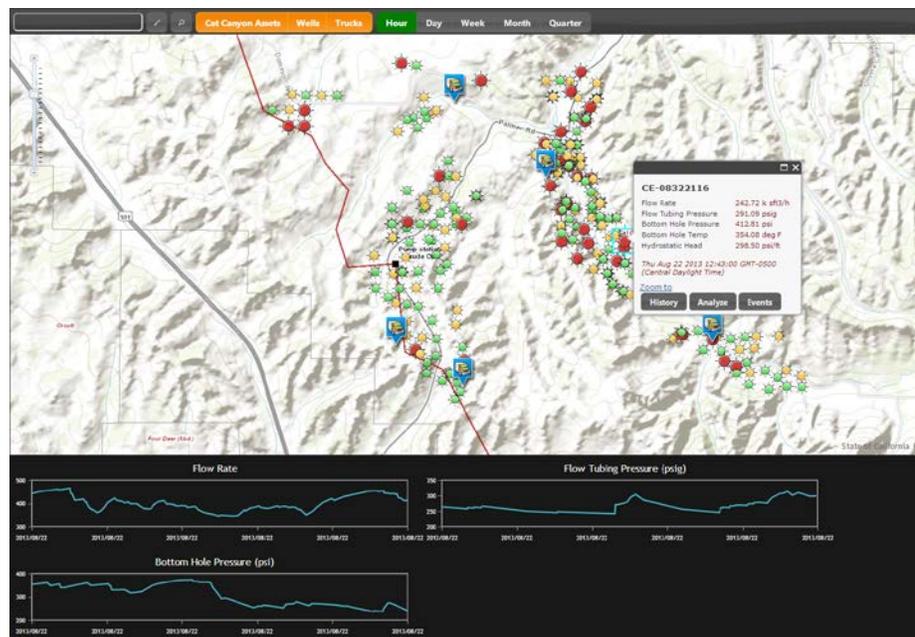
Well data along Africa's coastline is easier to understand in geographic context. (Image courtesy of IHS.)

Increase Investment Returns

Transform exploration and production information into actionable intelligence. ArcGIS shows data within a geographic context so you can identify leads, opportunities, and new prospects. It allows you to weigh and analyze information at hand and develop improved investment scenarios. It supports decision making by combining operational data with consistent, approved, systematic, and rigorous evaluation procedures.

Monitor Assets from Anywhere

Store, manage, and map accurate spatial and descriptive information about your field assets. ArcGIS will help you maintain data with the highest possible accuracy. Managers can use interactive dashboards to better monitor and manage work orders, schedules, and field operations. Field staff can use mobile devices to access and update data, see maps, and share a common operating picture. Office staff can track, locate, and manage assets and ensure regulatory compliance.



Well operation data in real time on maps and graphs helps you see the situation and quickly take action. (Image courtesy of OSIsoft.)

Build a More Effective Work Force

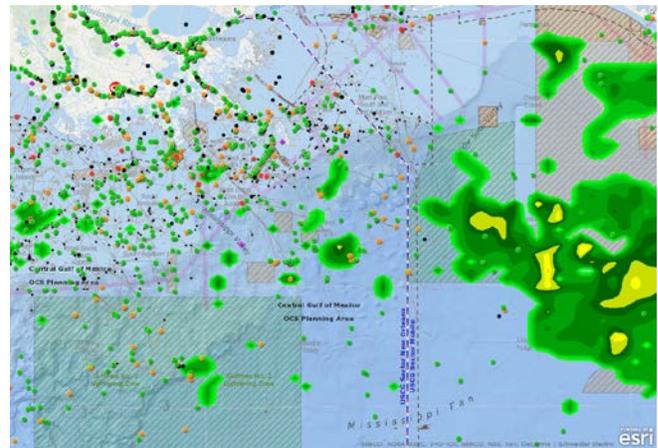
Your entire work force can access an enterprise ArcGIS platform anywhere, anytime, and on any device. Staff can use it to accurately manage detailed and specialized pipeline integrity data. Managers can schedule and dispatch pipeline maintenance staff as well as monitor the location and progress of work crews. Work groups can collaborate and communicate via the platform and use web-based applications that help them work more efficiently.



Underground pipeline and asset data added to satellite imagery and lidar improves analysis.

Prioritize Risk

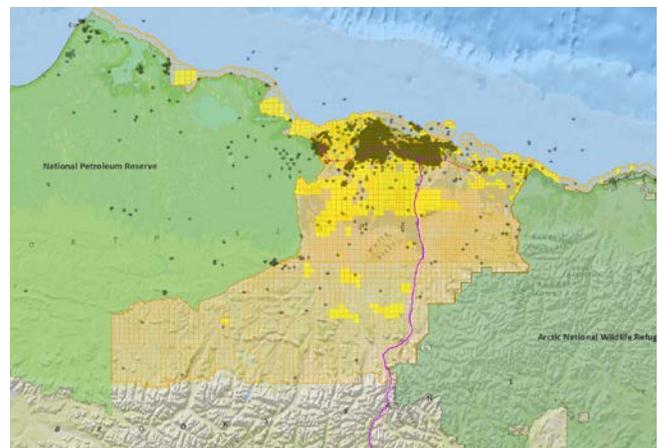
GIS maps and reports quickly demonstrate how your company is complying with health, safety, and environmental requirements. Show response strategies for emergency situations and the effectiveness of emergency drills. Identify cost by location. You can also monitor operations with user-friendly executive dashboards and a common operating platform.



Adding multiple data layers, such as bathymetry, zones, production, and pipeline, offers people a deeper understanding of oil and gas activity in the Gulf of Mexico.

Engage Stakeholders

GIS web apps and viewers help the public better understand operation and response plans. They enable investors and stakeholders to assess your oil and gas operations easily. Use web apps to provide citizens with authoritative information about local work activities. Citizens can also use web apps to submit requests for dialog. You can also monitor public sentiment by mapping social media feeds from YouTube®, Twitter®, and Flickr™.



A grid map of oil production and terrain on the North Slope of Alaska helps a gas company work with contractors, landowners, and environmental analysts to locate the best route for a gas pipeline.



Esri Understands Petroleum Information Management

You have a very broad range of information management challenges. That's why we developed ArcGIS technology—to help you manage data throughout your organization including prospects, assets, infrastructure, projects, customers, and risk.

A proven technology, ArcGIS has significantly helped oil and gas businesses do the following:

- Collaborate among departments via a platform
- Analyze data for planning, maintenance, operations, and compliance
- Share select data with staff and stakeholders
- Increase operational efficiency and improve decision making

Learn more at
[esri.com/petroleum.](https://esri.com/petroleum)



Understanding our world.

Esri inspires and enables people to positively impact their future through a deeper, geographic understanding of the changing world around them.

Governments, industry leaders, academics, and nongovernmental organizations trust us to connect them with the analytic knowledge they need to make the critical decisions that shape the planet. For more than 40 years, Esri has cultivated collaborative relationships with partners who share our commitment to solving earth's most pressing challenges with geographic expertise and rational resolve. Today, we believe that geography is at the heart of a more resilient and sustainable future. Creating innovative products and solutions drives our passion for improving quality of life everywhere.



Contact Esri

380 New York Street
Redlands, California 92373-8100 USA

1 800 447 9778
T 909 793 2853
F 909 793 5953
info@esri.com
esri.com

Offices worldwide
esri.com/locations

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