



BY
FRED WEKESA

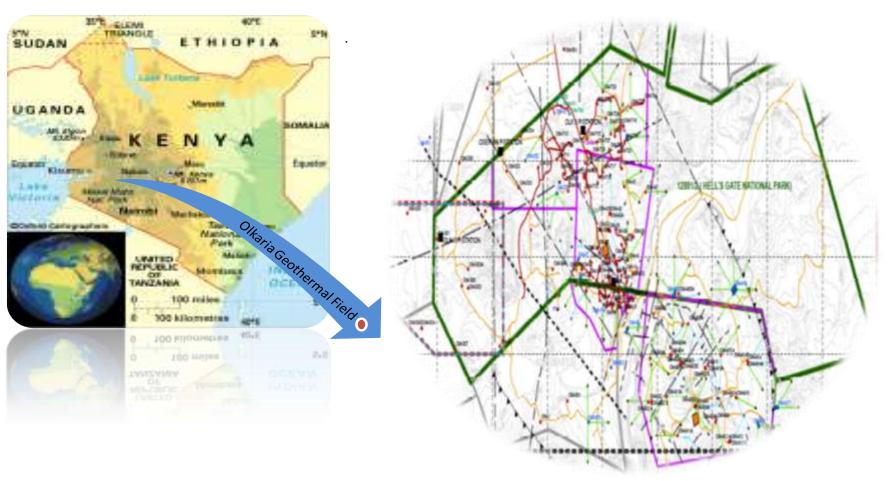
GEOSPATIAL WORLD FORUM

24TH MAY 2016

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OLKARIA SITE MAP

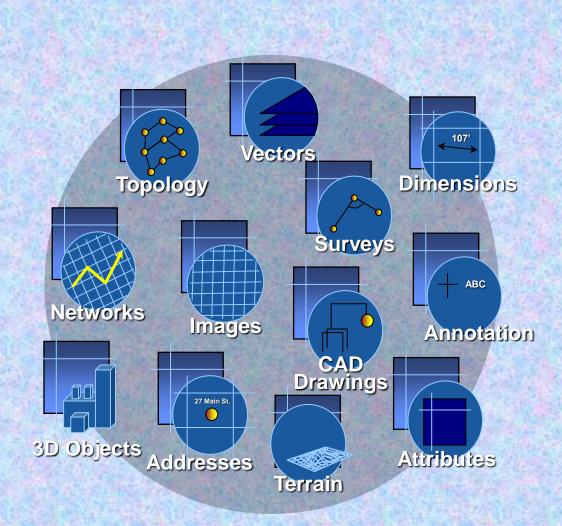


Olkaria, KenGen Concessional Area



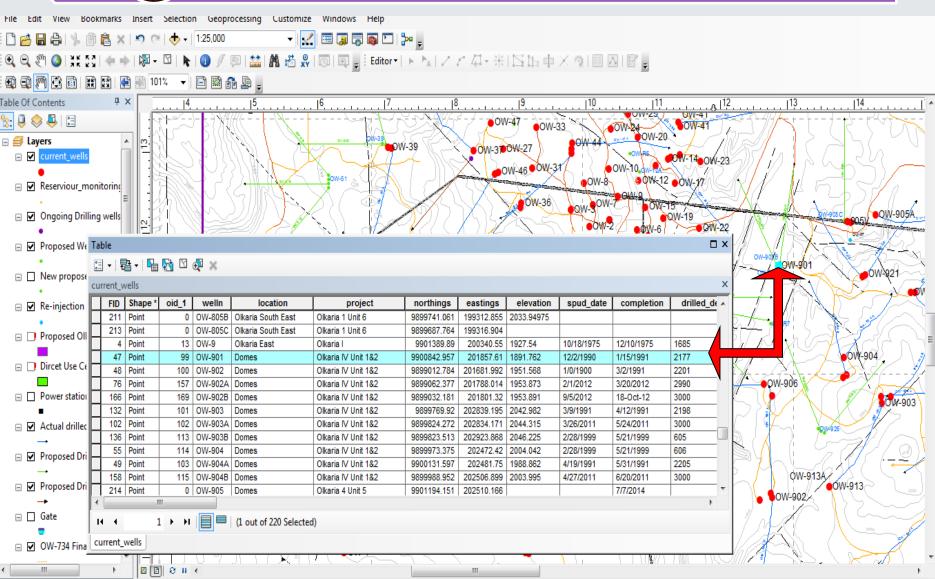
GIS AND DATA ORGANIZATION

- Geology
- Wells
- Geochemistry
- Geology
- Geophysics
- PowerStation
- Steam pipes
- Water pipelines
- Terrain





GIS and Data Organization



GIS IN RESOURCE ASSESSMENT

Geological Surface Exploration

Geochemical & Reservoir modelling

Geophysical Exploration & Analysis

Resource Modelling and Management

GEOTHERMAL ENVIROMENT AND GIS

Change Detection and Monitoring

Project Stakeholder Engagement

Environmental Monitoring and Management

Promotion of Social Afforestation

Safety & Quality Management systems



GIS FOR PROJECT INFRASTRUCTURE

Site preparation and access roads- Drilling Operations

Civil works for project Operations

Infrastructure Management

Civil equipment maintenance

GEOCOLLABORATION

Surface and Sub-Surface Exploration



Drilling Technology

Reservoir

Power Plant Management



FRINARY LINES.

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- High Carbonal
- A Mark Lagra

Home

Office is 19 tower District was the first people could prove place in Africa. The 42 MW plant was commissioned in Store physics and has been until each providing 19 MW of electricity. You first unit was commissioned in June 1981, the record and first write in hovershall find, and hazze 1981, inspectively.

To date, a total of 23 mells have been striked for the papers. There are of these are overenity committed to the power stateon while two of these are retired. One seek is currently being used for for the top committee as a direct condensing 4-longs running with an open organization of 3 there are compressions of 1120C and recars concurrence of 4.1 to 6.00C. The plant has had an everage equilability featur of over 10 per core from committeesing. The power personal is Connected to the national girls via a 1.1260-insurance on the



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User account

Description | Section | Section |

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Number

the transaction accounts on names

Tage

WEB GIS IN GEOTHERMAL-LOGIN PORTAL



Geospatial Property Management System (GeoPro)

One of the biggest costs to an organization, second only to human resources, it asset and facilities management. If these are managed well, an organization can reduce do everall business costs through more efficient maintenance, managing space more effectively and locating and using resources in the most efficient manner.

To do this effectively experially for a large company tike KenGeo, it is important to understand where real property, such as offices, power stations, Geothermal visits, worshouses, pipelines, computers, and desks, are located. KenGeo is the largest power producer in Kenya having various power generating stations across the country.

In most of the cases land where the organization's offices and installments are it owned by the organization. Using geographic information system (GIS) software to manage these vast amounts of properly gives users a more accurate reflection of real-world circumstances and allows the organization to make better business decicions.

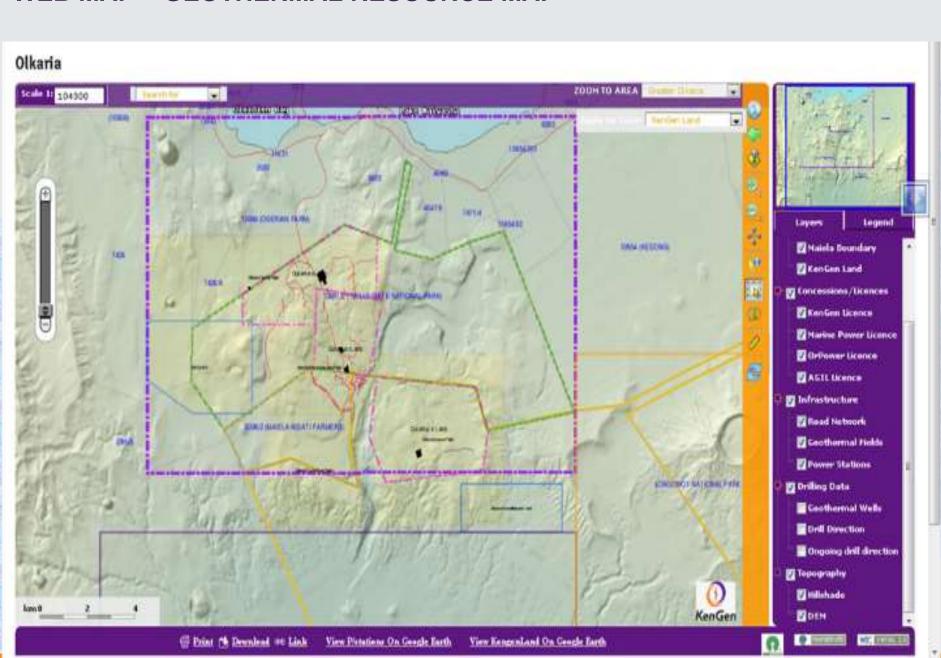
Photos on flickr

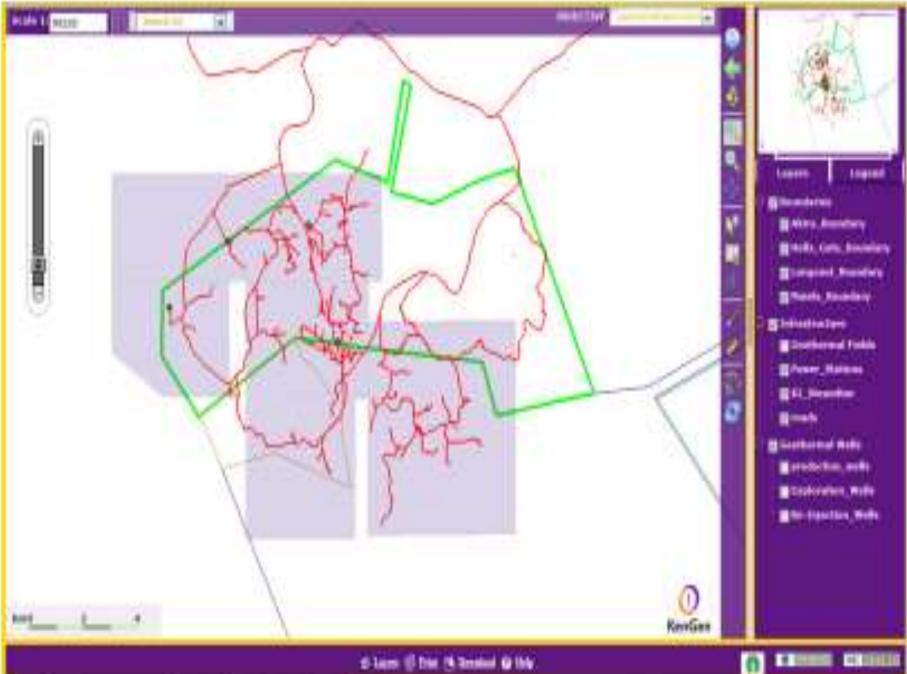
Property Office

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- WordPress org



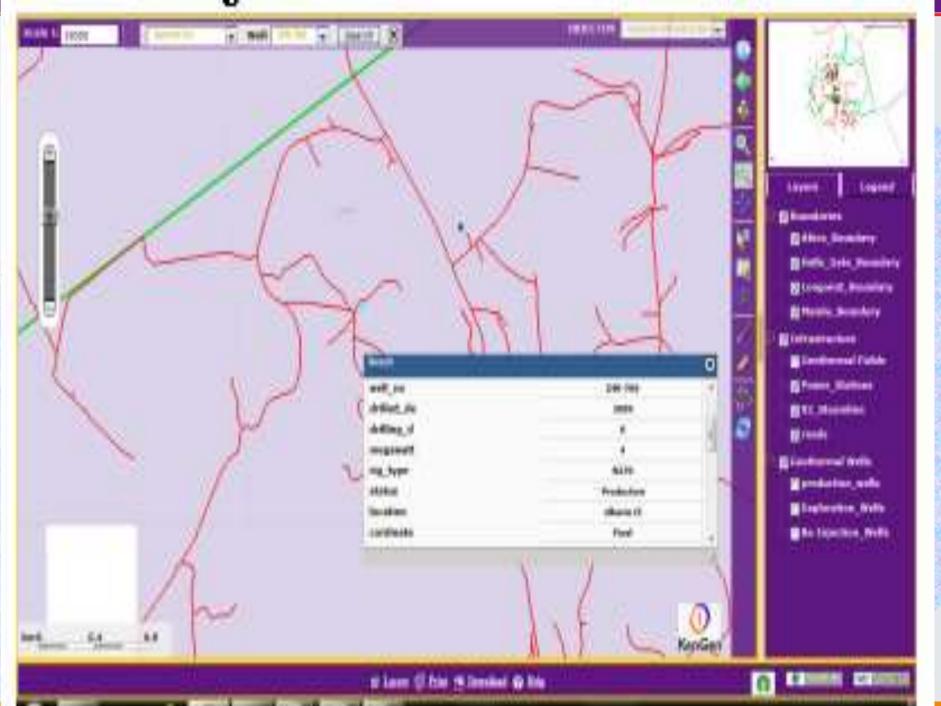
WEB MAP - GEOTHERMAL RESOURCE MAP

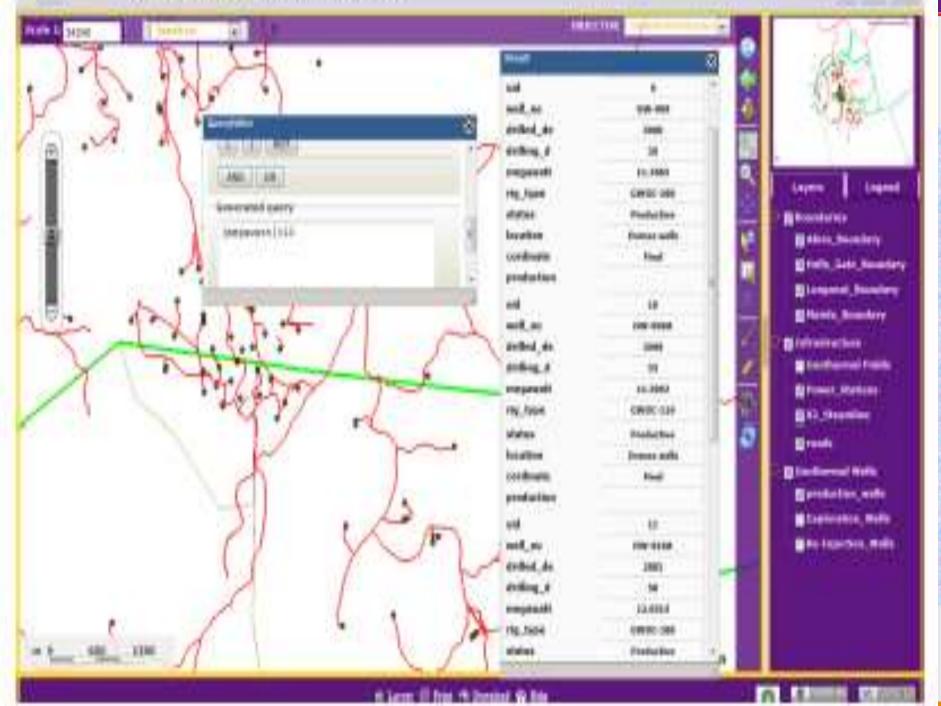


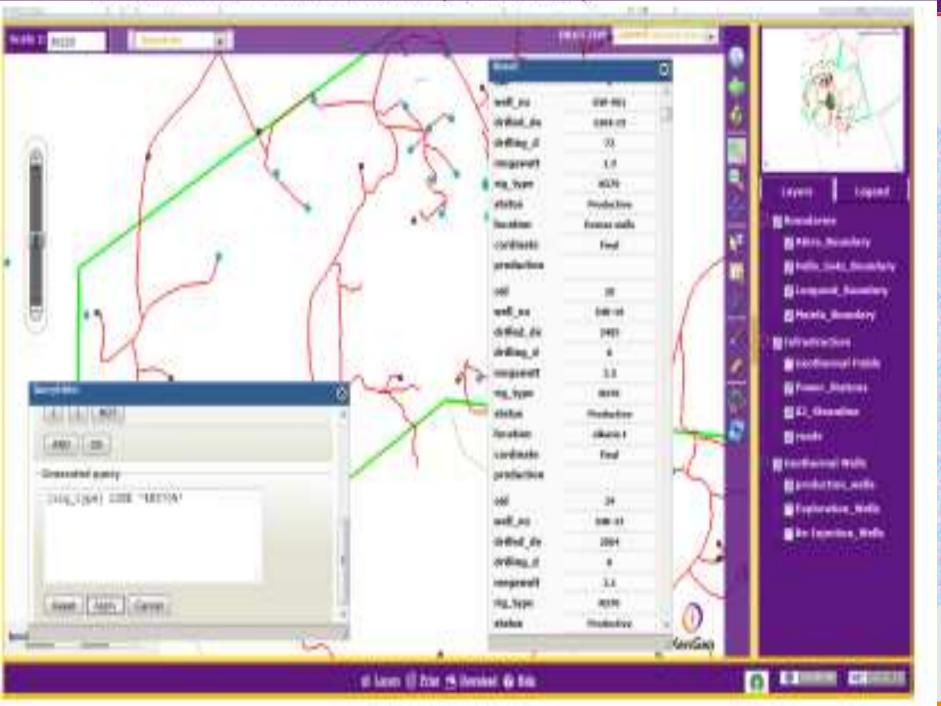












BURDEN OF BUSINESS DELIVERY



SYSTEMS INTEGRATION

SAP

RIM BASE

LEAP FROG

UTILIIES REALITY MODEELING

