Overview

Organized data → Enhanced Utility

Data structure –

Methods –

Work flow and results –

Enhancing EORI’s data resources –
Background-
10 years working with geologic data using database and GIS

Purpose-
Data structure design → Enables & accelerates decision making
I. Organize and optimize data compilation and extraction
II. Validate and compare
III. Management
   Data Tracking – QA/QC – Export/Distribution
IV. Analysis
   Graphical, Tabular, & Geospatial
Data structure

Good data structure design → Enables and accelerates decision making

Current EORI compilation is impressive and commendable

However there exists a need to add to - and enhance its utility

Enhanced data utility

I. Increases efficiency
II. Enables Geospatial capabilities
III. Enhances decision making → EOR
Methods-

EOR/ROZ group –
Nick Jones – Peigui Yin – Shaochang Wo – Matt Johnson.

Data for case study
Acquisition → Organization → Utility

I. Acquisition
Locating → Scanning → Digitizing → Compiling → QA/QC

II. Organization
Structuring → Testing

III. Utility
Query based result sets → Tabular & Geospatial formats
Work flow and Results -
Work flow and Results -

Geospatial

Geospatial component of the Information Resources Template
Will provide an information resource tool that will:

I. Expedite and streamline compilation –

II. Improve data validation and increase confidence –

III. Simplify data management –

IV. Accelerate decision making for EOR –
Conclusion

Key points-
In-House resource
User defined queries
Result sets → Reservoir modeling → Analysis
Preserves original source documents
Expandable & Portable