

Reservoir Engineering								
Pain Points	Type of Weakness Clusters			Driver: Cost, Performance, Value	BPM Possibility	Data, Information, Scorecards	Standardization, Measurements, Collaboration	Detailed Project Comments
	Business Flow Pain Points	Process Flow Pain Points	Information Flow Pain Points					
Data integrity of the surveillance / production data	Impact on future analysis of data, e.g. during Full Field Review (FFR)	Ineffective analysis and decision making	No structured database for all surveillance / production data, required by RE	Cost and Performance	Ineffective and inefficient	Data	Standardization	Data governance, information architecture, technology architecture, electronic discovery, business process management
Accessibility to partner's data (in JOB / OBO) as required by Reservoir Engineers	Data is not available in the timely manner	Data is not available in the timely manner	Location of data is not make known to' users	Performance	Ineffective and inefficient	Data, Information	Standardization, Collaboration	Data governance, information architecture, technology architecture, electronic discovery, business process management, enterprise search, electronic discovery, collaboration engine
Structured database / system which is looking at overall data requirement for RE	Difficulty in locating data to build integrated model	Users felt there have not gotten enough data	Data is not integrated, resulting in not enough information to make the right decisions	Cost and Performance	Ineffective and inefficient	Data	Standardization, Collaboration	Data governance, information architecture, technology architecture, electronic discovery, business process management, enterprise search, electronic discovery, collaboration engine, business intelligence
Unavailability of standard data rules for data capture and sharing	Data Governance missing: No common definition of data.	Data is subjective to individual interpretation	Latest version of data or relationship of data is not clear	Performance	Ineffective and inefficient	Data	Standardization, Collaboration	Data governance, information architecture, collaboration engine, content management
Disjointed of decision making information flow	Information flow does not support the decision making flow	Ineffective decision making, integrity of the information	Information flow is not integrated	Performance and value	Ineffective and inefficient	Information, Scorecard	Measurements, Collaboration	Electronic discovery, business process management, enterprise search, electronic discovery, collaboration engine, business intelligence