Drilling

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					
Update and Flow of all Drilling Manuals & Procedures	Not Good Working Together	Department Work Decentralized	No System Standardization	Non compliance (cost)	Ineffective and inefficient	Information	Standardization, Collaboration	Data governance, collaboration engine, enterprise search, content management
	Missing Data	Often updated manuals & procedures is missing and thereby decision making, quality, operation and effect / result is effected	System Information Measurement is not Integrated	Cost, Performance and Value	Driling, HSE, Development Projects	Data	Measurements	Data governance, information architecture, scorecard
	Quality Problems, QA / QC Challenge	Quality mistakes and thereby problems throughout the different processes	We often don't know where the problem comes from and without root-cause information it is hard to handle the quality mistakes	Cost, Performance and Value	Drilling, Development Projects, Exploration	Data	Standardization	Data governance, information architecture
	No Shared Data Rules	Resulting in Ad-Hoc Work and bad coordination	Governance is nearly impossible	Cost, Performance and Value	Ineffective	Data	Standardization, Collaboration	Data governance, information architecture, collaboration engine
a) End of Well Report	Applications and sharing of lessons learned not shared/refer to across company	Department Work Decentralized	No System Standardization or at least Governance rules	Non compliance (cost)	Ineffective	Information	Standardization, Collaboration	Data governance, information architecture, collaboration engine, lessons learned interface, content management
b) Lessons Learned	In similar situations is the lessons learned missing	The vital information is missing and thereby decision making, quality, operation and effect / result is effected	System Information Measurement is not integrated	Cost, Performance and Value	Ineffective	Information	Collaboration	Data governance, information architecture, collaboration engine, lessons learned interface
c) Technologies applied on wells	Quality Problems, QA / QC Challenge	Quality mistakes and thereby problems throughout the different processes	We often don't know where the technology quality problem comes from and without root-cause information it is hard to handle the quality mistakes	Cost, Performance and Value	Ineffective and inefficient	Information	Measurements, Collaboration	Data governance, information architecture, scorecard, collaboration engine
	No Shared Data Rules	Resulting in Ad-Hoc Work and bad coordination	Governance is nearly impossible	Cost, Performance and Value	Ineffective and inefficient	Data	Standardization, Collaboration	Data governance, information architecture, content management, collaboration engine
Rig Specification	No Shared Data Rules, Resulting in Ad-Hoc Work and Coordination	Department Work Decentralized	No Standardization	Cost, Performance and Value	Ineffective and inefficient	Data, Information	Standardization, Collaboration	Data governance, information architecture, content management, collaboration engine, enterprise search
Data & Information is being created and saved horizontally but business flow today works collaboratively (vertical)	Not retrievable for reference to all engineers / Super intendent / Facilities	Operational Ineffective	Level of Coordination Missing	Cost and Performance		Information	Collaboration	Content management, collaboration engine
			No Shared Information	Cost and Performance	Ineffective and inefficient	Information	Collaboration	Content management, collaboration engine, enterprise search
a) Technical Acceptance of type of rigs with various platforms	No Shared Data Rules, Resulting in Ad-Hoc Work and Coordination	Department Work Decentralized	No Shared Information	Cost, Performance and Value	Ineffective and inefficient	Information	Standardization, Collaboration	Data governance, information architecture, collaboration engine
b) Type of rigs and old footprints drilling on all platforms	Not retrievable for reference to all engineers / Super intendent / Facilities	Operational Ineffective	No Shared Data	Cost and Performance	Ineffective and inefficient	Data, Information	Standardization, Collaboration	Data governance, information architecture, collaboration engine, content management, enterprise search
	Missing Data	Input Missing and work is started all over, resulting in double work, frustration, inefficiency and bad results	Level of coordination and governance missing	Cost, Performance and Value	Ineffective and inefficient	Data	Standardization	Data governance, information architecture, content management, enterprise search, electronic discovery
		No Governance	System Standardization Missing	Cost and Performance	Ineffective and inefficient	Data	Standardization	Data governance, information architecture, content management
Drilling Contracts	Quality Problems, QA / QC Challenge	Operational Ineffective	No Shared Information	Cost, Performance and Value		Information	Standardization, Collaboration	Data governance, information architecture, collaboration engine, content management, enterprise search
	No Shared Data Rules, Resulting in Ad-Hoc Work and Coordination	Chaos and frustration	No Shared Data	Cost and Performance	Ineffective and inefficient	Data	Standardization, Collaboration	Data governance, information architecture, collaboration engine, content management, enterprise search, electronic discovery
	Available only in hardcopies	Missing Data Flow	Level of Coordination Missing	Cost and Performance	Ineffective and inefficient	Data, Information	Standardization, Collaboration	Data governance, information architecture, collaboration engine, content management, enterprise search, electronic discovery, technology architecture
			System Standardization Missing	Cost	Ineffective and inefficient	Data, Information, Scorecard	Standardization	Data governance, information architecture