

TURNING **DATA** INTO **KNOWLEDGE**

# Emissions Reporting

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# Risks of not Reporting Scope 3 Emissions?

<i>Type of risk</i>	<i>Examples</i>
<b>Regulatory</b>	GHG emissions-reduction laws or regulations introduced or pending in regions where the company, its suppliers, or its customers operate
<b>Supply chain costs and reliability</b>	Suppliers passing higher energy- or emissions-related costs to customers; supply chain business interruption risk
<b>Product and technology</b>	Decreased demand for products with relatively high GHG emissions; increased demand for competitors' products with lower emissions
<b>Litigation</b>	GHG-related lawsuits directed at the company or an entity in the value chain
<b>Reputation</b>	Consumer backlash, stakeholder backlash, or negative media coverage about a company, its activities, or entities in the value chain based on GHG management practices, emissions in the value chain, etc.

# Opportunities Reporting Scope 3 Emissions?

<i>Type of opportunity</i>	<i>Examples</i>
<b>Efficiency and cost savings</b>	A reduction in GHG emissions often corresponds to decreased costs and an increase in companies' operational efficiency.
<b>Drive innovation</b>	A comprehensive approach to GHG management provides new incentives for innovation in supply chain management and product design.
<b>Increase sales and customer loyalty</b>	Low-emissions goods and services are increasingly more valuable to consumers, and demand will continue to grow for new products that demonstrably reduce emissions throughout the value chain.
<b>Improve stakeholder relations</b>	Improve stakeholder relationships through proactive disclosure and demonstration of environmental stewardship. Eg, demonstrating fiduciary responsibility to shareholders, informing regulators, building trust in the community, improving relationships with customers and suppliers, and increasing employee morale.
<b>Company differentiation</b>	External parties (eg, customers, investors, regulators, shareholders, and others) are increasingly interested in documented emissions reductions. A scope 3 inventory is a best practice that can differentiate companies in an increasingly environmentally-conscious marketplace.

# Record, Report, Reduce

Main Campaign Well Data **Rig Data** DrillNet GeoNet SafeNet CostNet DPM ANOVA Reports DEPOT FileBridge Setup Help

Well/Ops: Loris 41 » RSD Day: ◀ #4 (09 Jan 2019) ▶ Datum: 0.0 m RT MSL UOM: WITSML

Rig Stock File Manager

Confirm Cancel

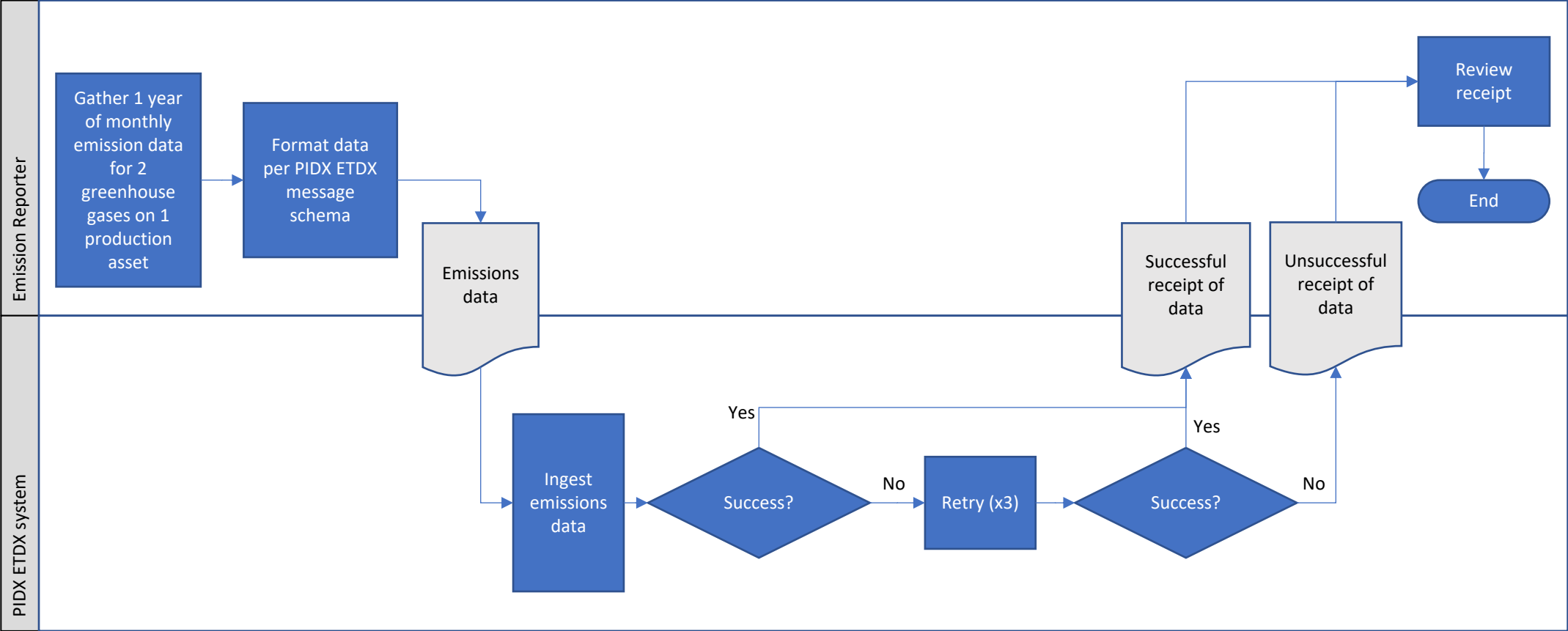
### Rig Stock

<input type="checkbox"/>	#	Stock Name	Unit	Starting Amount	Previous Balance	Used	Received	Adjust	Balance	Comment
<input checked="" type="checkbox"/>	1	Diesel (m3)*	m3		0					
<input checked="" type="checkbox"/>	2	Diesel Rec Itrs 20,000 ()								
<input checked="" type="checkbox"/>	3	Diesel Rec20,000 Itrs ()								

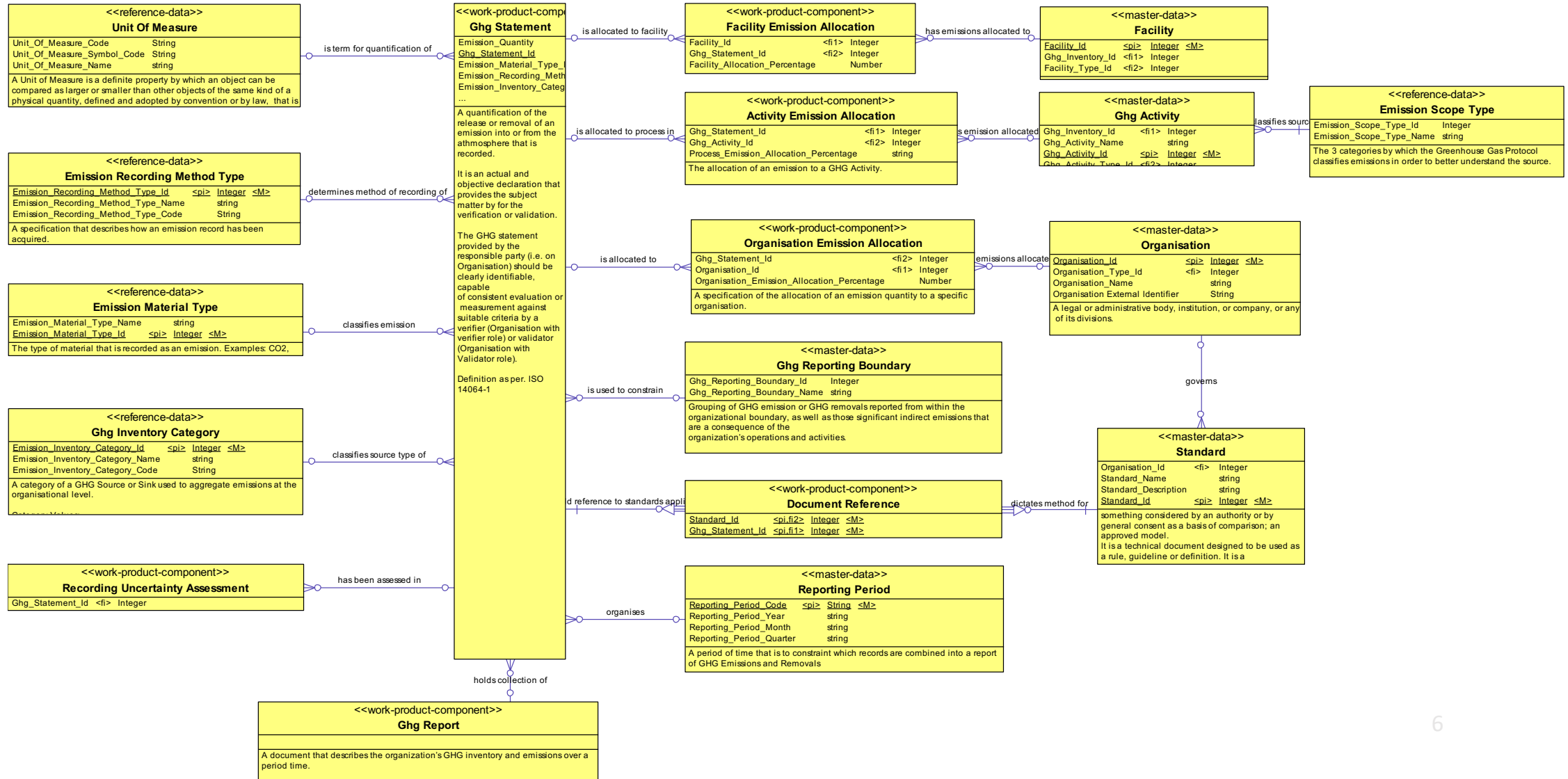
Add Rig Stock

Detailed description of the screenshot: The image shows a software interface for managing rig stock. At the top, there is a menu bar with options like 'Main', 'Campaign', 'Well Data', 'Rig Data' (which is highlighted), 'DrillNet', 'GeoNet', 'SafeNet', 'CostNet', 'DPM', 'ANOVA', 'Reports', 'DEPOT', 'FileBridge', 'Setup', and 'Help'. Below the menu bar, there is a status bar showing 'Well/Ops: Loris 41 » RSD', 'Day: ◀ #4 (09 Jan 2019) ▶', 'Datum: 0.0 m RT MSL', and 'UOM: WITSML'. The main area has two tabs: 'Rig Stock' and 'File Manager'. Below the tabs are two buttons: 'Confirm' (green) and 'Cancel' (red). The 'Rig Stock' section contains a table with columns: #, Stock Name, Unit, Starting Amount, Previous Balance, Used, Received, Adjust, Balance, and Comment. There are three rows in the table, each with a red 'x' icon in the first column. The first row is 'Diesel (m3)\*' with unit 'm3' and a starting amount of '0'. A dropdown menu is open for this row, showing options: 'Diesel Rec 0 Itrs ()', 'Diesel Rec 20000 Itrs ()' (which is highlighted in blue), and 'Diesel Rec Itrs 20,000 ()'. The second and third rows are 'Diesel Rec Itrs 20,000 ()' and 'Diesel Rec20,000 Itrs ()' respectively. At the bottom left, there is a button labeled 'Add Rig Stock'.

# PIDX ETDX Scope 1 Use Case 1

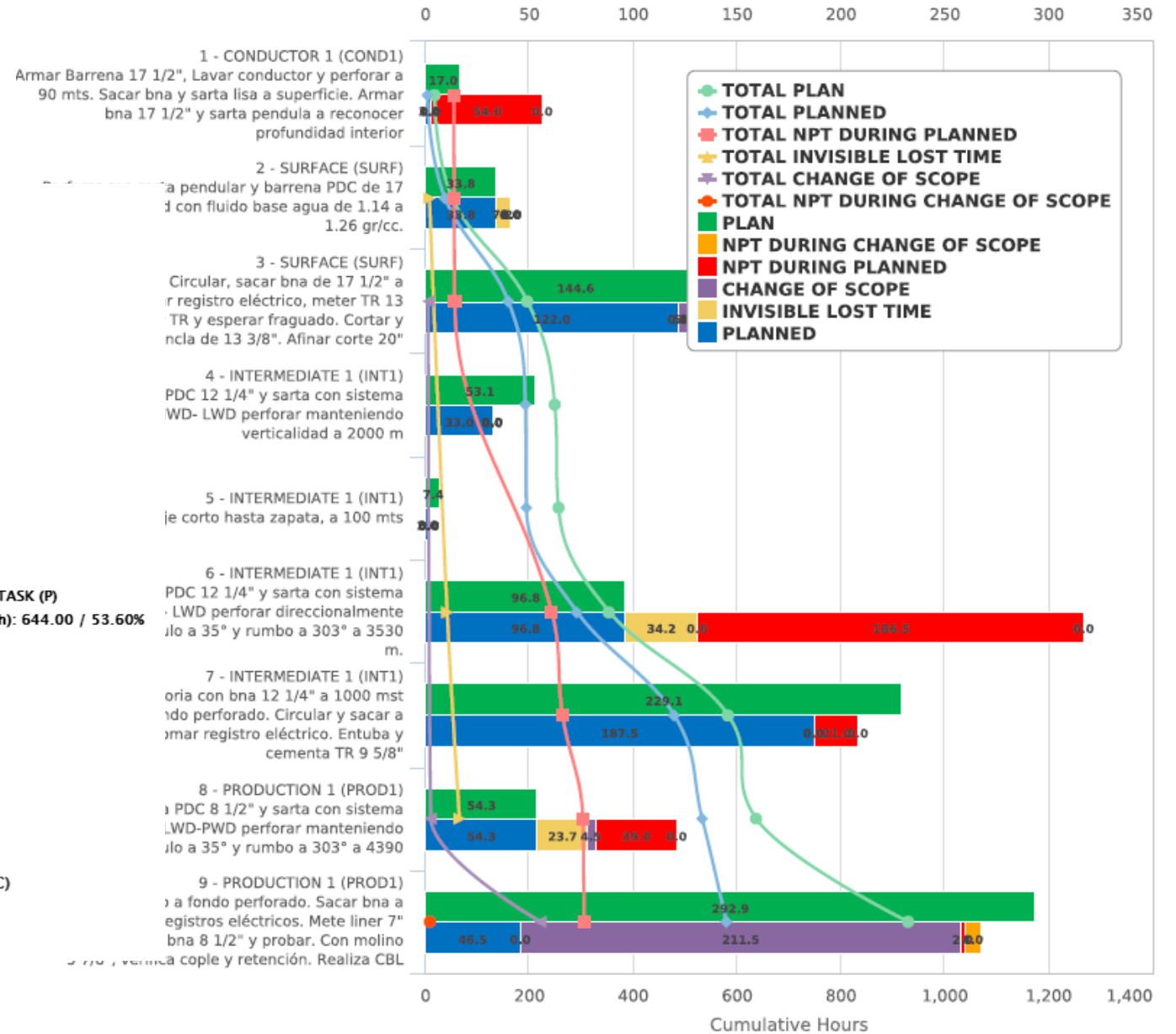
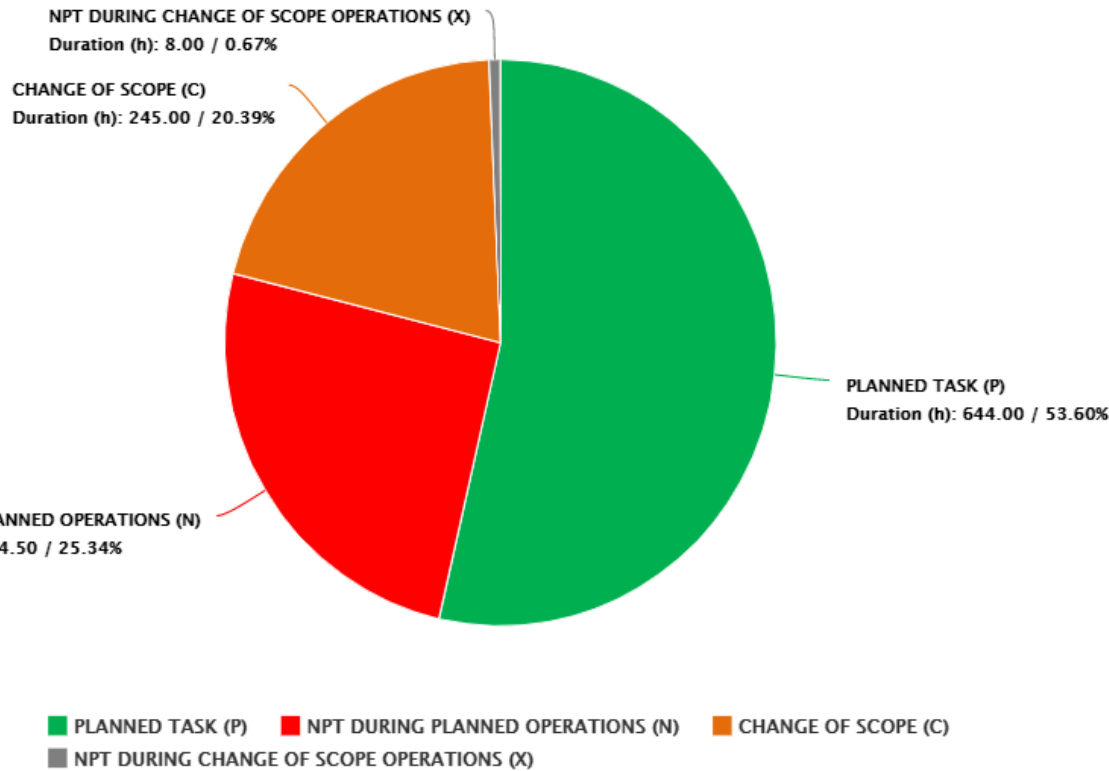


# GHG Reporting – Open Footprint™

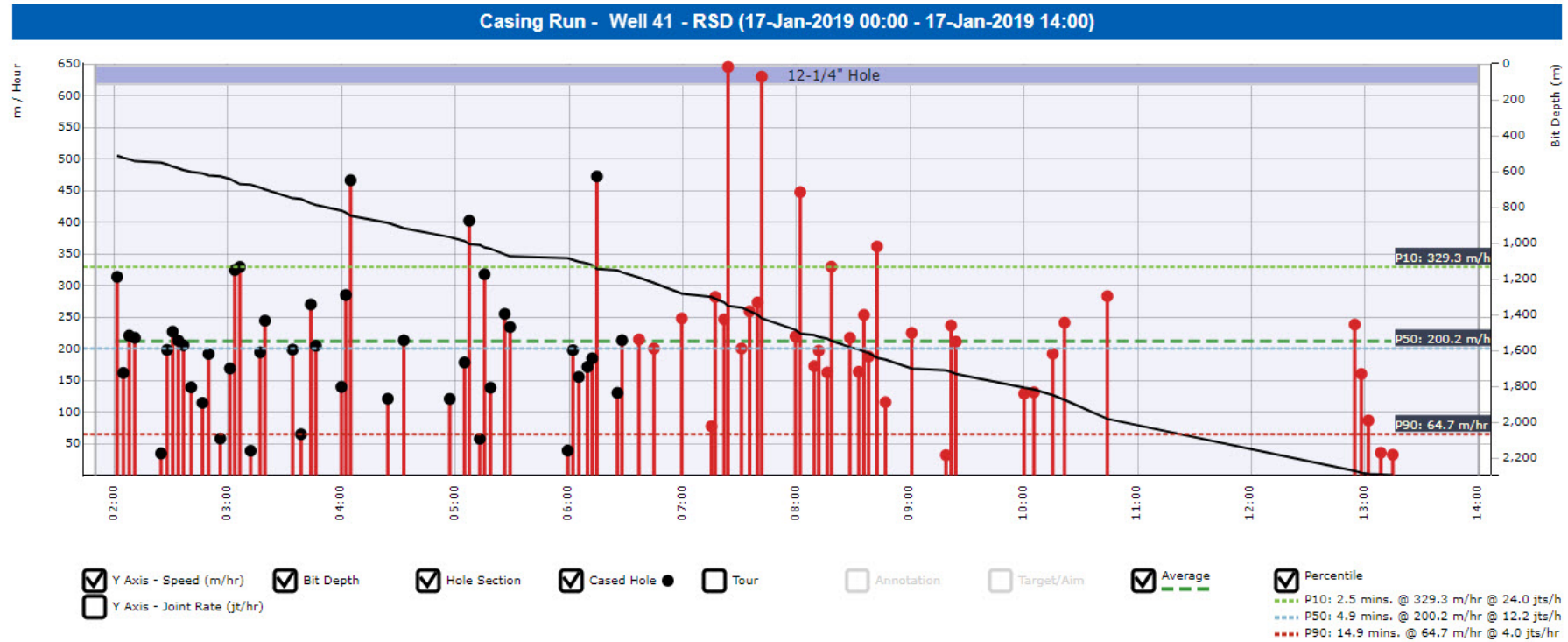


# Performance

Class Code Breakdown



# Performance

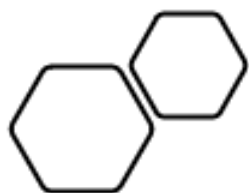


Hole Size (in)	12.25"					
CH/OH	CH			OH		
No. of Stands	44			37		
Total Duration (min)	267			398		
	Duration (min)	Joint/hr	Speed (m/hr)	Duration (min)	Joint/hr	Speed (m/hr)
<b>AVG</b>	6.83	14.42	200.51	8.23	12.82	225.27
<b>MAX</b>	33.33	25.71	472.39	36.17	32.73	645.45
<b>MIN</b>	2.33	1.8	34.35	1.83	1.66	31.65
<b>Std. Deviation</b>	6.31	7.33	100.64	7.01	8.83	130.86



# Emissions at the rig





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# Thank you

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