



introducing



**SIGAP**



# Problems

Drilling projects produce large volumes of data across different teams and formats, but this information often ends up scattered and disconnected. Instead of supporting collaboration, it creates delays and misalignment.

With no central system, reporting becomes static and fragmented. Managers lose clear visibility, and teams waste time stitching files together instead of focusing on operations.

## Problem 01

Different departments (geology, drilling, HSE, management) often work in silos with their own files and formats, making teamwork slow and misaligned.

## Problem 02

Data lives in spreadsheets, PDFs, or emails that quickly get outdated, forcing teams to spend time reconciling versions instead of focusing on decisions.

## Problem 03

Tracking timelines, operations, and risks is difficult when information is fragmented, leaving managers without a clear overview of ongoing activities.



# Objectives

SIGAP is built to make drilling project data easier to manage, share, and understand. The platform turns scattered information into a structured system that supports both daily operations and long-term planning.



Enable collaboration across functions by providing a shared workspace for geology, drilling, HSE, and management teams.



Simplify reporting processes with consistent data formats that can be quickly turned into dashboards or documents.



Improve project visibility so progress, risks, and performance can be tracked in one place.



# What SIGAP Offers

SIGAP translates these objectives into practical tools that help teams work smarter, not harder. It's not just another data system, it's a platform designed around the real challenges of drilling projects.

01

Cross-Functional Collaboration → One platform for geology, drilling, HSE, and management to align on the same data.

02

Streamlined Reporting → Standardized inputs for plan, daily, and actual data, instantly turned into dashboards or documents.

03

Integrated Project Visibility → Unified view of timelines, HSE records, equipment, and well data to track progress and risks.

04

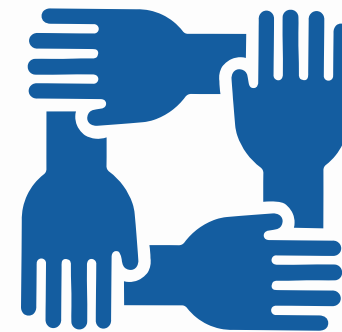
Data Consistency & Accessibility → Centralized, structured information that reduces duplication and ensures everyone works with the latest version.

# Features of SIGAP



## Unified Data & Assets Management

Centralized system to capture plan, daily, and actual drilling data, alongside equipment and asset records, all structured for easy access.



## Collaborative Workspace

A shared platform where geology, drilling, HSE, and management teams work on the same information, breaking down silos.

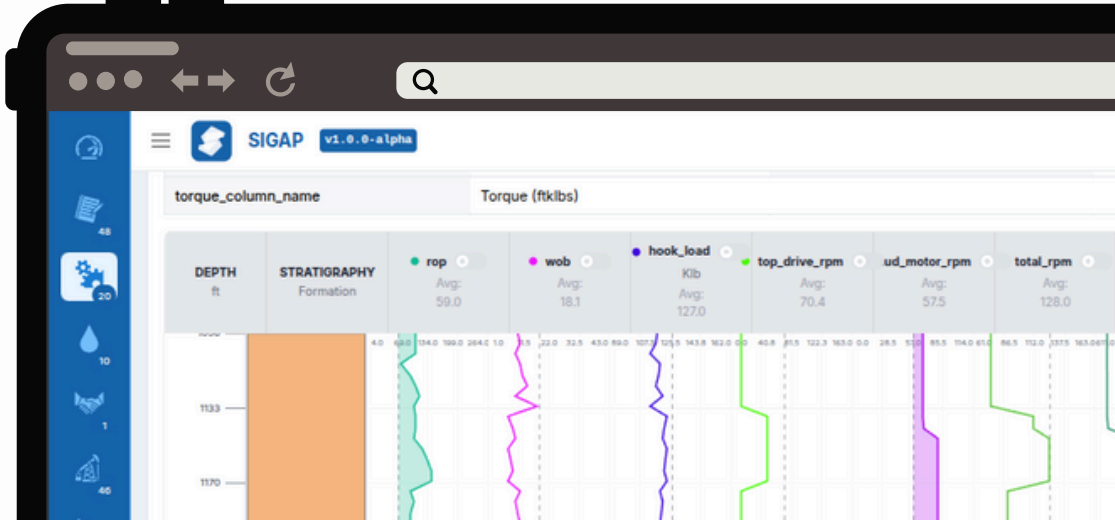
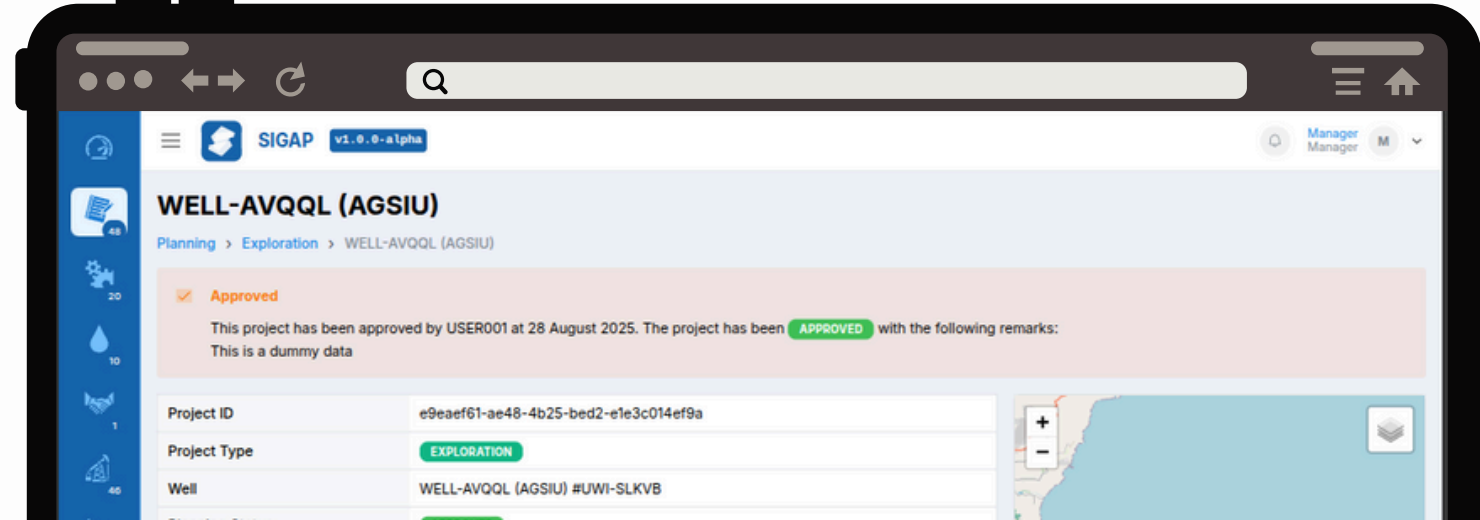
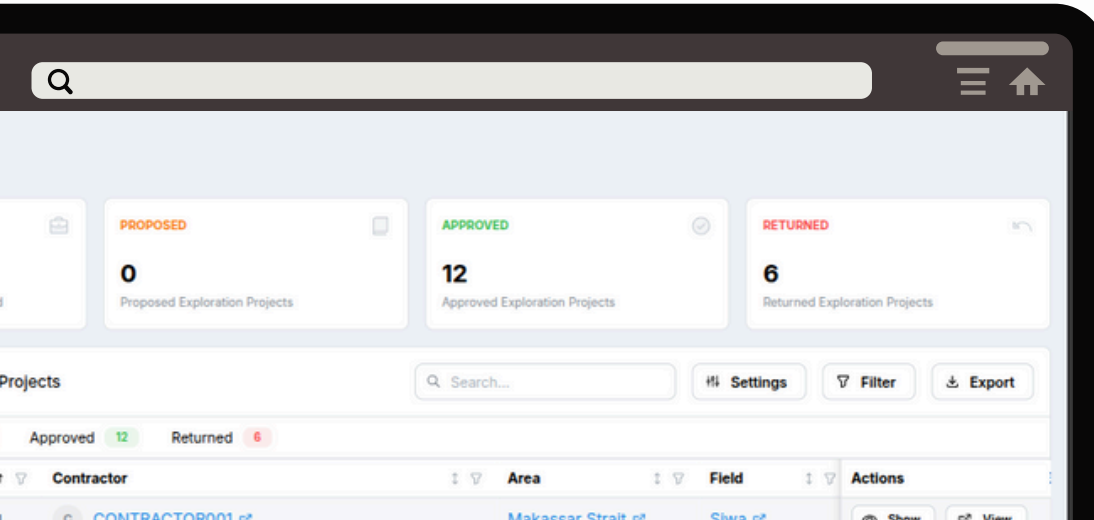
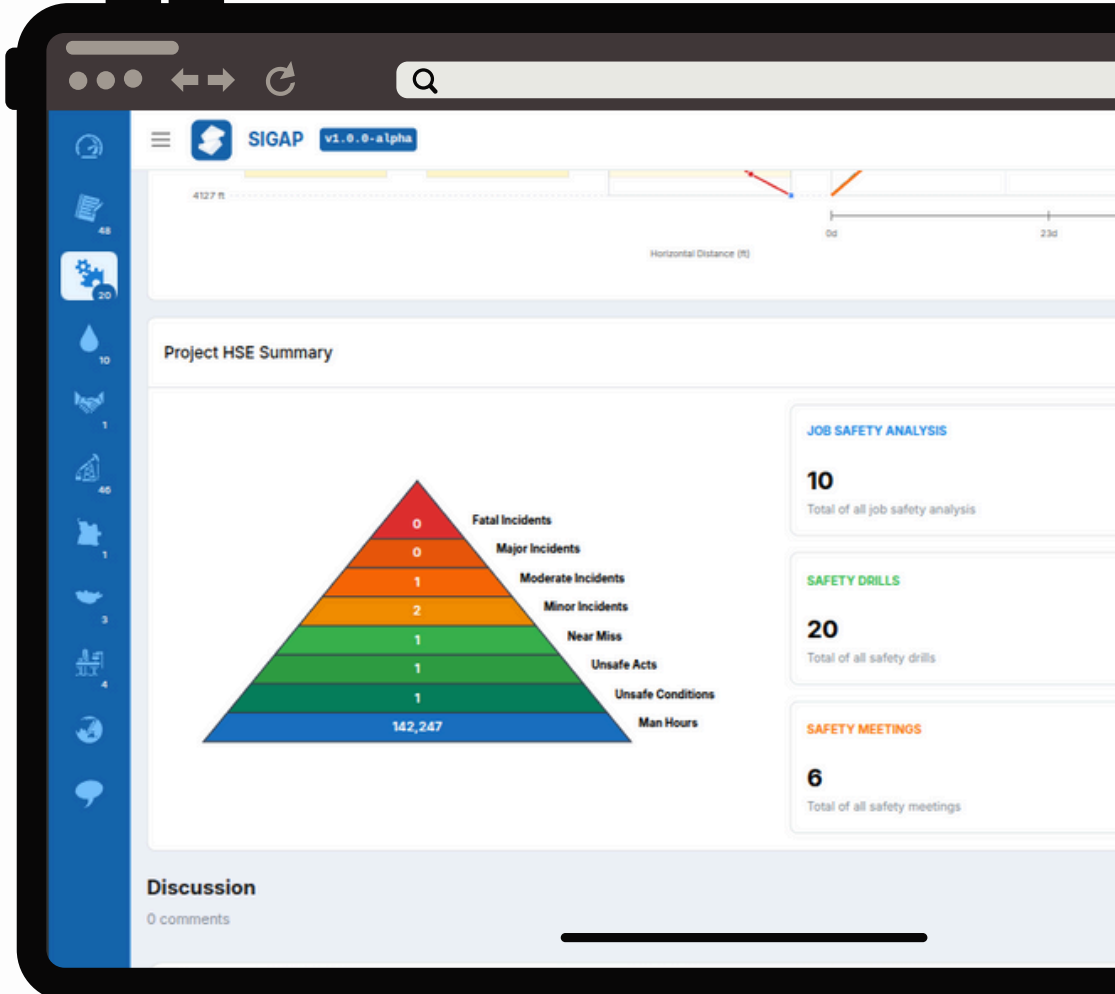
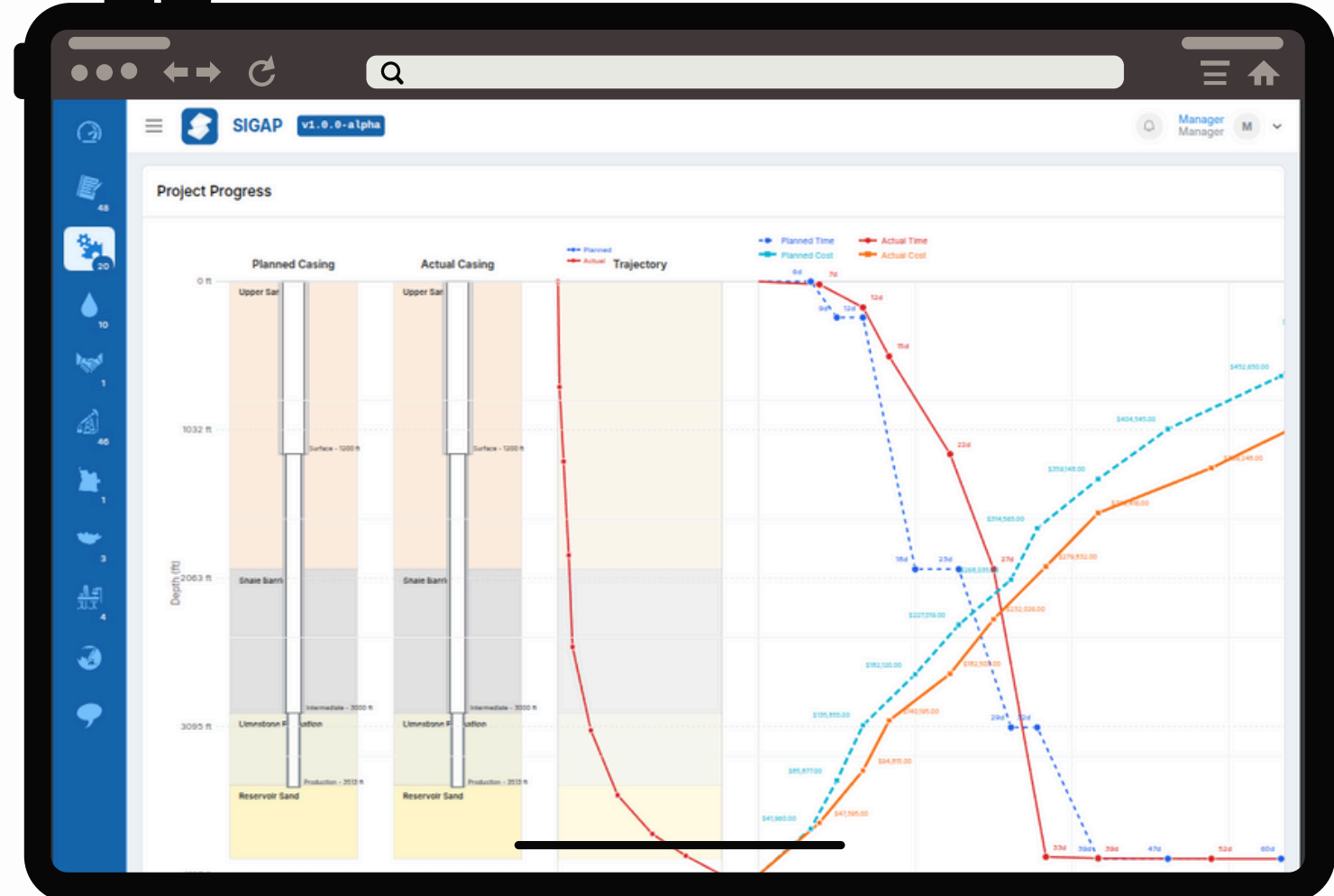
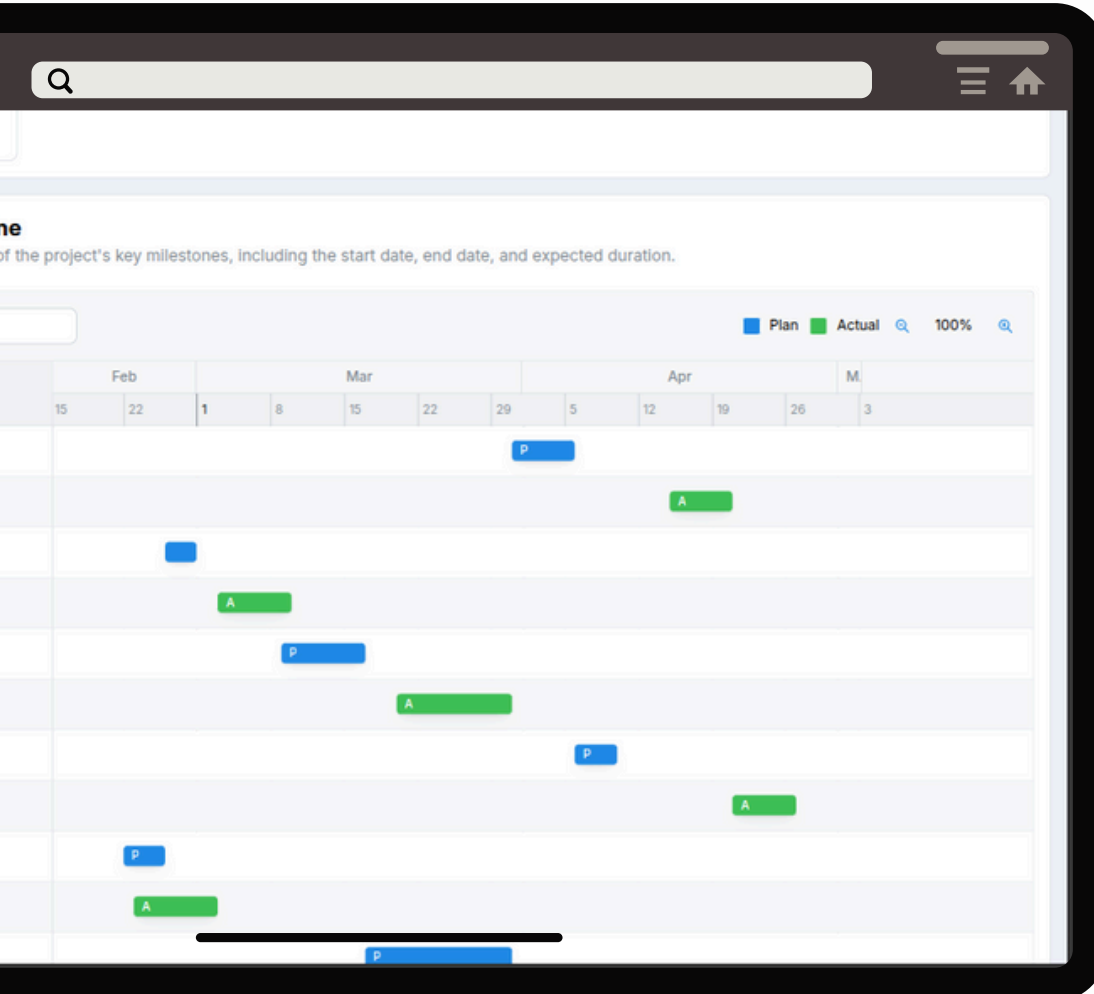


## Dynamic Reporting & Dashboards

Up-to-date reports and visual insights generated instantly, eliminating manual compilation.

# Projects Management

Organize drilling projects with structured timelines, operations tracking, and defined team roles.



# Project Planning and Operation

This module structures the entire drilling workflow, from defining operation days and project timelines to assigning responsibilities. It gives teams a clear roadmap of planned activities while capturing daily operations in one centralized view.

The image displays two overlapping screenshots of the SIGAP v1.0.0-alpha web application interface. The left screenshot shows the 'Project Plans' dashboard, and the right screenshot shows the 'Project Operations' dashboard.

**Project Plans Dashboard:**

- Header: SIGAP v1.0.0-alpha, Manager Manager M
- Navigation: Planning > Exploration > List
- Summary Cards:
  - TOTAL: 18 Total Exploration Projects Proposed
  - PROPOSED: 0 Proposed Exploration Projects
- Section: Planned Exploration Projects
- Filters: All (18), Proposed (0), Approved (12), Returned (6)
- Table:

Status	Well Name	Contractor
APPROVED	WELL-AVQQL	CONTRACTOR001
APPROVED	WELL-CNOEB	CONTRACTOR001
APPROVED	WELL-CTKEB	CONTRACTOR001
APPROVED	WELL-EQSFS	CONTRACTOR001
RETURNED	WELL-EYQNB	CONTRACTOR001
APPROVED	WELL-GBBMU	CONTRACTOR001

**Project Operations Dashboard:**

- Header: SIGAP v1.0.0-alpha, Manager Manager M
- Navigation: Operation > Exploration > List
- Summary Cards:
  - TOTAL: 12 Total Exploration Projects Approved
  - OPERATING: 2 Operating Exploration Projects
  - FINISHED: 2 Finished Exploration Projects
  - VALIDATED: 2 Validated Exploration Projects
- Section: Operating Exploration Projects
- Search: Search...
- Settings: Settings, Filter, Export
- Filters: Approved (12), Operating (2), Finished (2), Validated (2)
- Table:

Status	Well Name	Contractor	Area	Field	Actions
FINISHED	WELL-AVQQL	CONTRACTOR001	Makassar Strait	Siwa	Show, Review
FINISHED	WELL-CNOEB	CONTRACTOR001	Makassar Strait	Siwa	Show, Review
APPROVED	WELL-CTKEB	CONTRACTOR001	Makassar Strait	Siwa	Show, View
APPROVED	WELL-EQSFS	CONTRACTOR001	Makassar Strait	Siwa	Show, View
VALIDATED	WELL-GBBMU	CONTRACTOR001	Makassar Strait	Siwa	Show, View
APPROVED	WELL-HHOIN	CONTRACTOR001	Makassar Strait	Siwa	Show, View

# Project Detailed Information

Provides a complete record of project data, including well details, casing, trajectory, pore pressure, fracture gradient, and logging plans. All technical information is organized in one place for easy access and review.

**WELL-AVQQL (AGSIU)** Approve

Operation > Exploration > WELL-AVQQL (AGSIU)

Project ID	e9eaef61-ae48-4b25-bed2-e1e3c0
Project Type	EXPLORATION
Well	WELL-AVQQL (AGSIU) #UWI-SLKV
Operation Status	FINISHED
WP&B Year	1 January 2025
Contractor	CONTRACTOR001
Area	Makassar Strait
Field	Siwa
Plan Operation Date	22 February 2025 - 23 April 2025
Plan Total Cost	\$14,060,293.00
Actual Operation Date	23 February 2025 - 19 March 2025
Actual Total Cost	\$839,111.00
Rig	Rig-7705
Proposal Info	Proposed at 28 August 2025 by

stakeholders understand the project's goals and objectives, and provides a roadmap for the project's implementation.

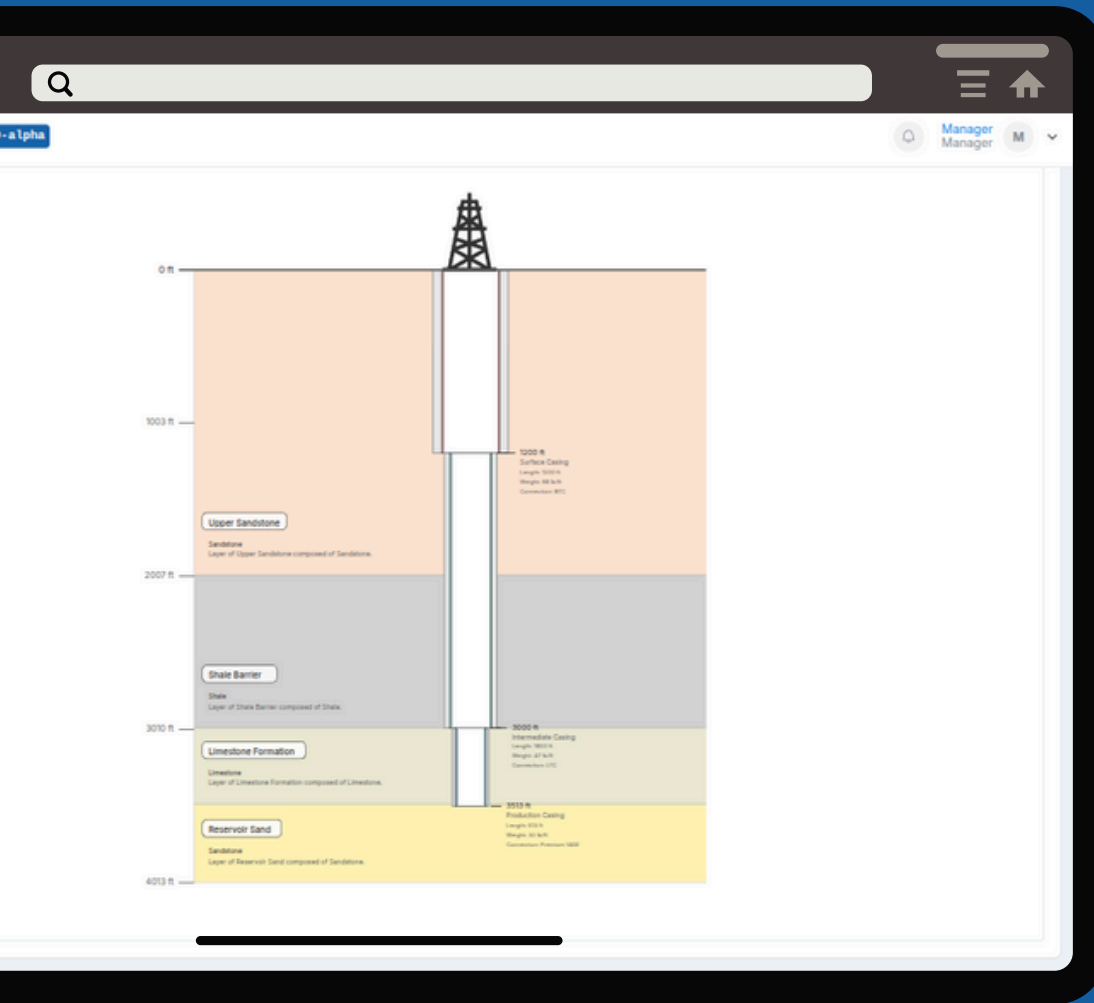
This drilling project is designed to support the evaluation, development, and optimization of hydrocarbon resources within the designated contract area. The scope of work includes the planning, execution, and monitoring of exploration, appraisal, and development wells with the objective of confirming reservoir characteristics, estimating recoverable reserves, and ensuring safe and efficient drilling operations. Activities will involve detailed well design, casing and cementing programs, mud and fluid management, logging and testing operations, and integration of subsurface data for reservoir characterization. The project also emphasizes compliance with applicable regulatory requirements, adherence to industry best practices, and the implementation of strict Health, Safety, and Environmental (HSE) standards to mitigate operational risks. Ultimately, the project aims to deliver cost-effective drilling performance while maintaining technical integrity, minimizing non-productive time, and providing critical data to support field development planning and future production strategies.

**Available Data**  
An overview of the data that is currently available for analysis or use in the project. This section includes descriptions of datasets, sources, and formats of data that can be accessed to support the project's objectives, as well as any relevant attributes or features.

Project Tasks	AVAILABLE	Project Safety Meetings	AVAILABLE
Project Timeline	AVAILABLE	Well Trajectory	AVAILABLE
Project Documents	AVAILABLE	Well Casing Design	AVAILABLE
Project Cost	AVAILABLE	Well Logs	AVAILABLE
Project Job Safety Analysis	AVAILABLE	Well Drilling Parameter	AVAILABLE
Project Safety Drill	AVAILABLE	Well Cores	AVAILABLE
Project Inventory	AVAILABLE	Well Tests	AVAILABLE

# Project Data

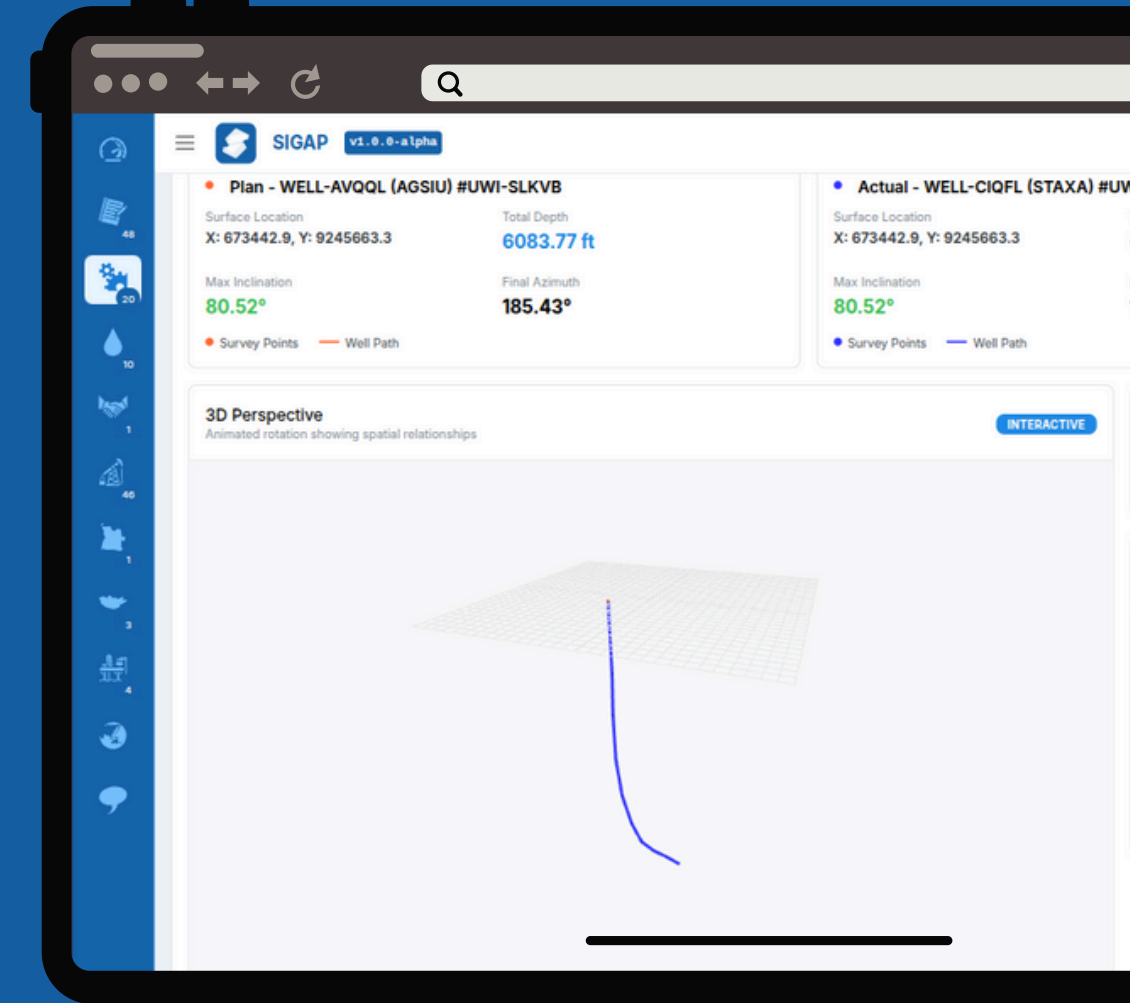
Brings together critical project and well information in one place—from tasks, timelines, costs, and safety records to detailed technical data like well trajectory, casing design, drilling parameters, and daily operations reports. This central hub ensures all project details are accessible and consistently organized.



SIGAP v1.0.0-alpha

A status update on the preparedness of the project. This section provides insights into whether the project is fully prepared for execution, detailing aspects like resources, team availability, and any dependencies that need to be addressed before starting or continuing the work.

#	Name	Type	Percentage	Description	Remarks	Schedule
1	Land Acquisition	CONTRACTS	100%	Process of securing land rights and legal permits for the project site.	Rescheduled per management request	<a href="#">View Schedule</a>
2	Internal Contractor Readiness	REGULATORY APPROVALS	83%	Ensuring internal teams and contractors are mobilized and ready.	Minor delay due to weather	<a href="#">View Schedule</a>
3	IPPKH Clearance	LICENSES	83%	Clearance for forest area utilization to comply with Indonesian regulations.	On track as planned	<a href="#">View Schedule</a>
4	Drilling Services Procurement	OTHER	83%	Tendering and contracting essential drilling service providers.	Minor delay due to weather	<a href="#">View Schedule</a>
5	Site Preparation	PERMITS	100%	Clearing, leveling, and preparing the drilling site for mobilization.	On track as planned	<a href="#">View Schedule</a>
6	UKL-UPL Document	REGULATORY APPROVALS	100%	Preparation and submission of environmental management and monitoring documents.	Minor delay due to weather	<a href="#">View Schedule</a>
7	LLI Procurement	LICENSES	100%	Procurement of long-lead items critical for drilling operations.	Pending approval from regulator	<a href="#">View Schedule</a>
8	AMDAL Approval	CONTRACTS	100%	Environmental impact assessment and approval from government authorities.	On track as planned	<a href="#">View Schedule</a>
9	Subsurface Evaluation	PERMITS	83%	Technical evaluation of subsurface data for drilling planning.	Minor delay due to weather	<a href="#">View Schedule</a>
10	Cutting & Dumping Plan	CONTRACTS	100%	Plan for handling, transporting, and disposing of drill cuttings.	On track as planned	<a href="#">View Schedule</a>
11	Rig Procurement	REGULATORY APPROVALS	100%	Securing drilling rig through tender and contract finalization.	Minor delay due to weather	<a href="#">View Schedule</a>



SIGAP v1.0.0-alpha

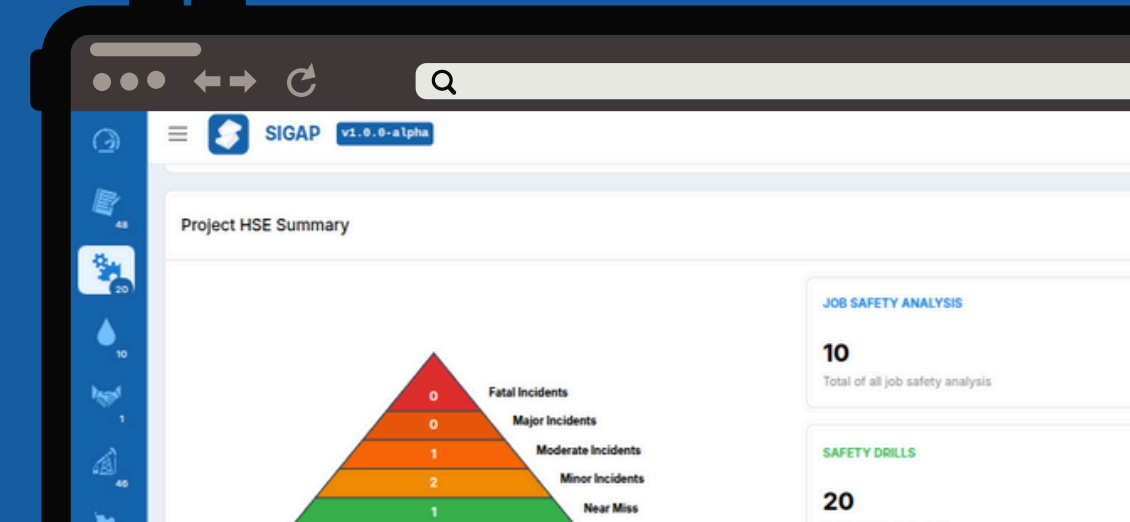
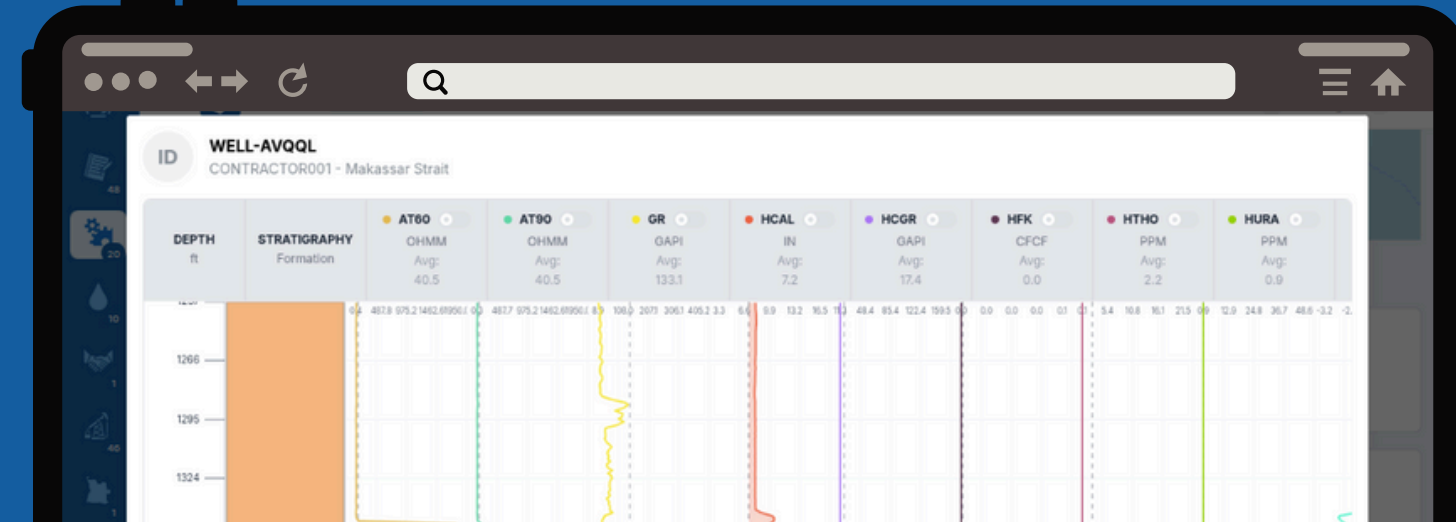
CREW: 19 Total Crew

PROJECT MANAGEMENT: 29 Total Project Management

VENDOR SPECIALISTS: 24 Total Vendor Specialist

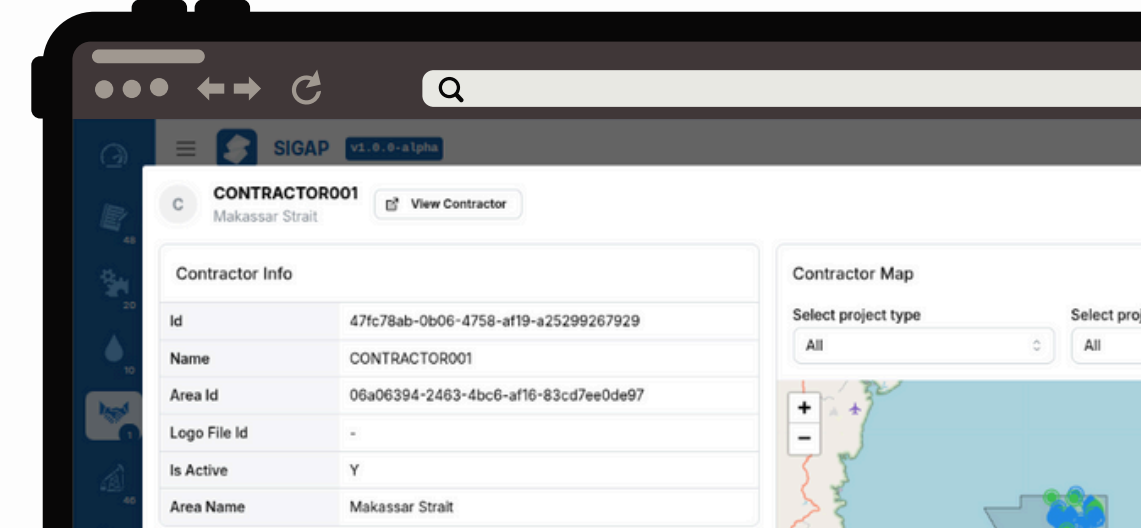
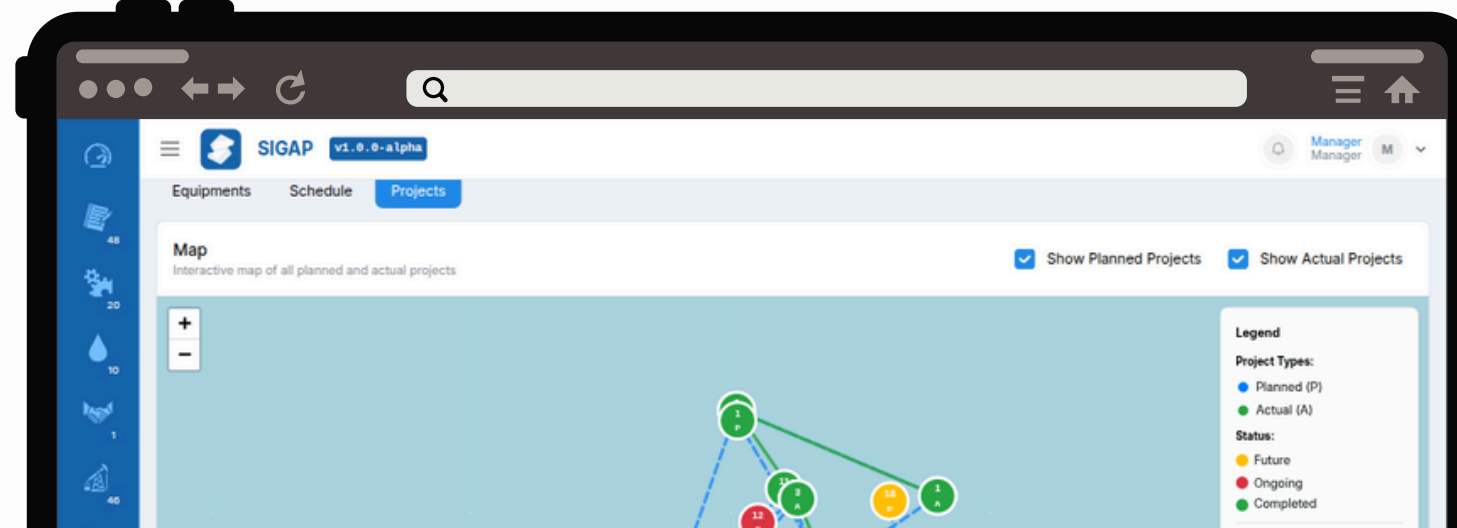
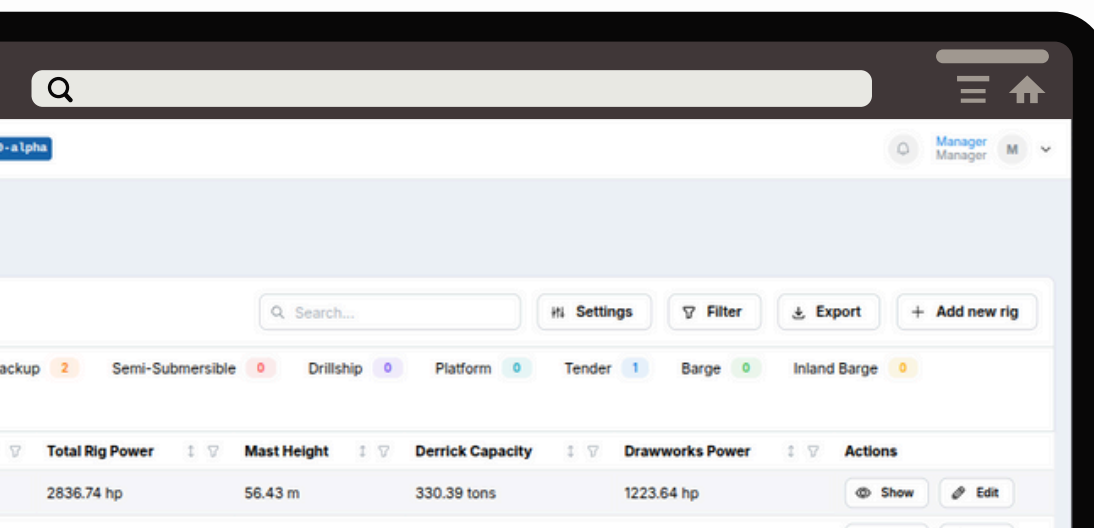
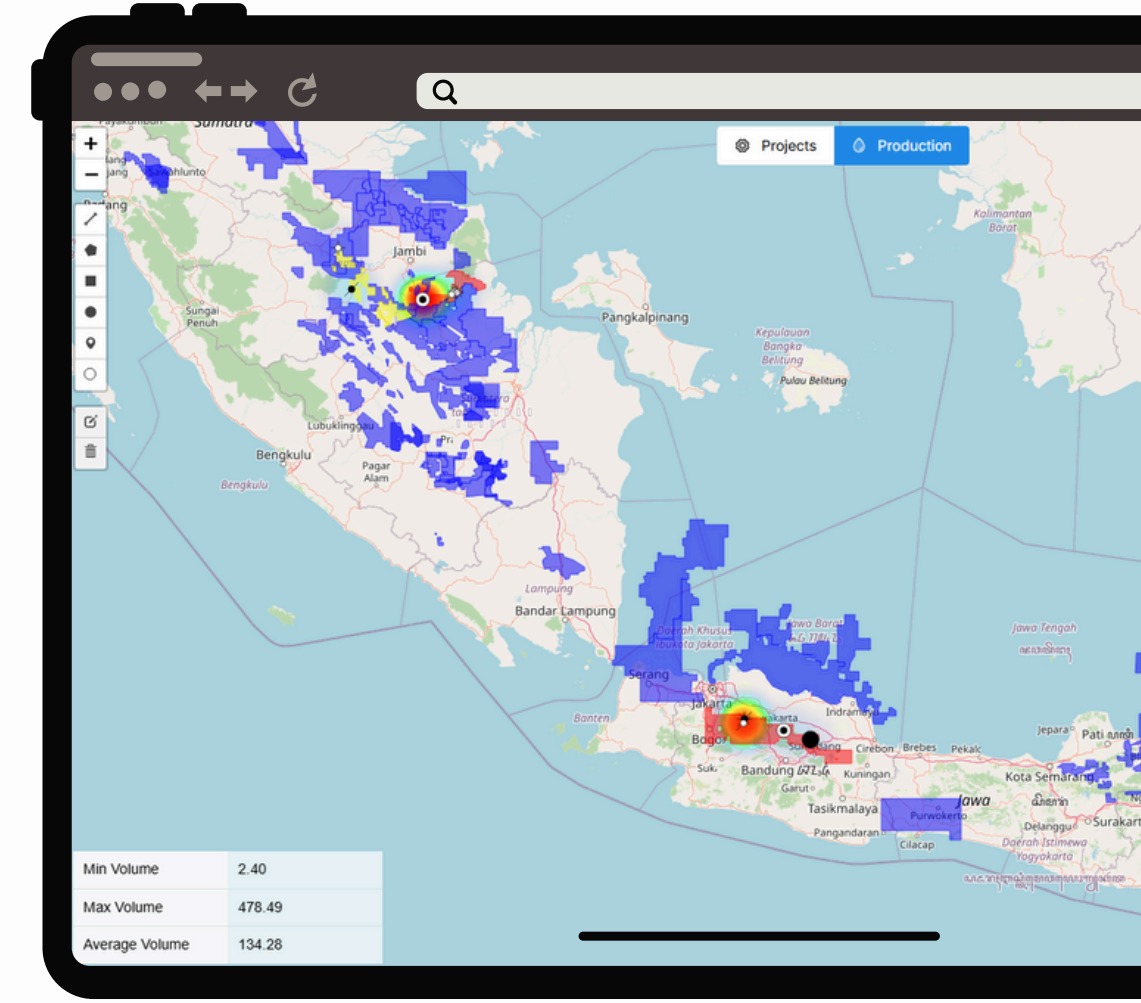
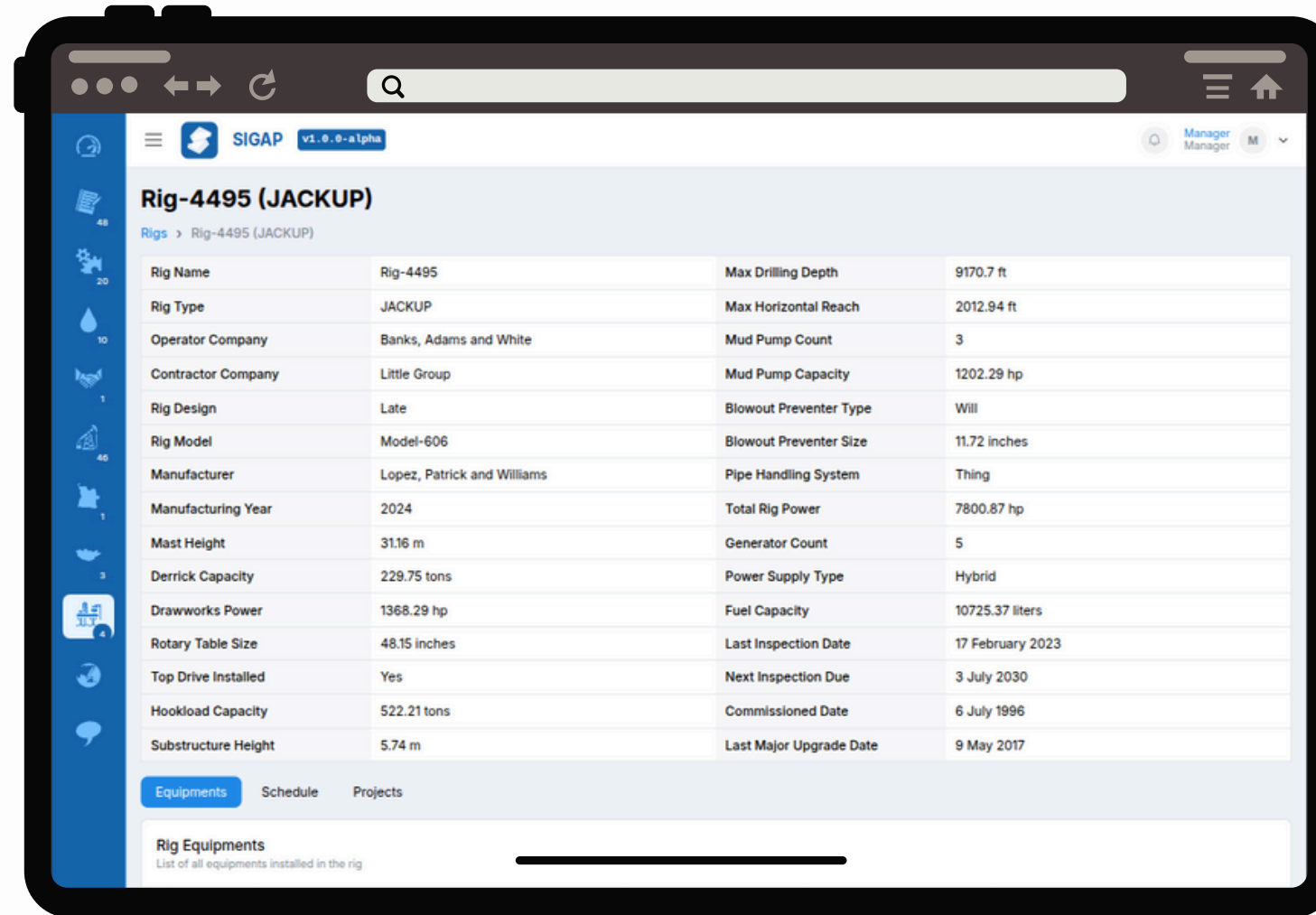
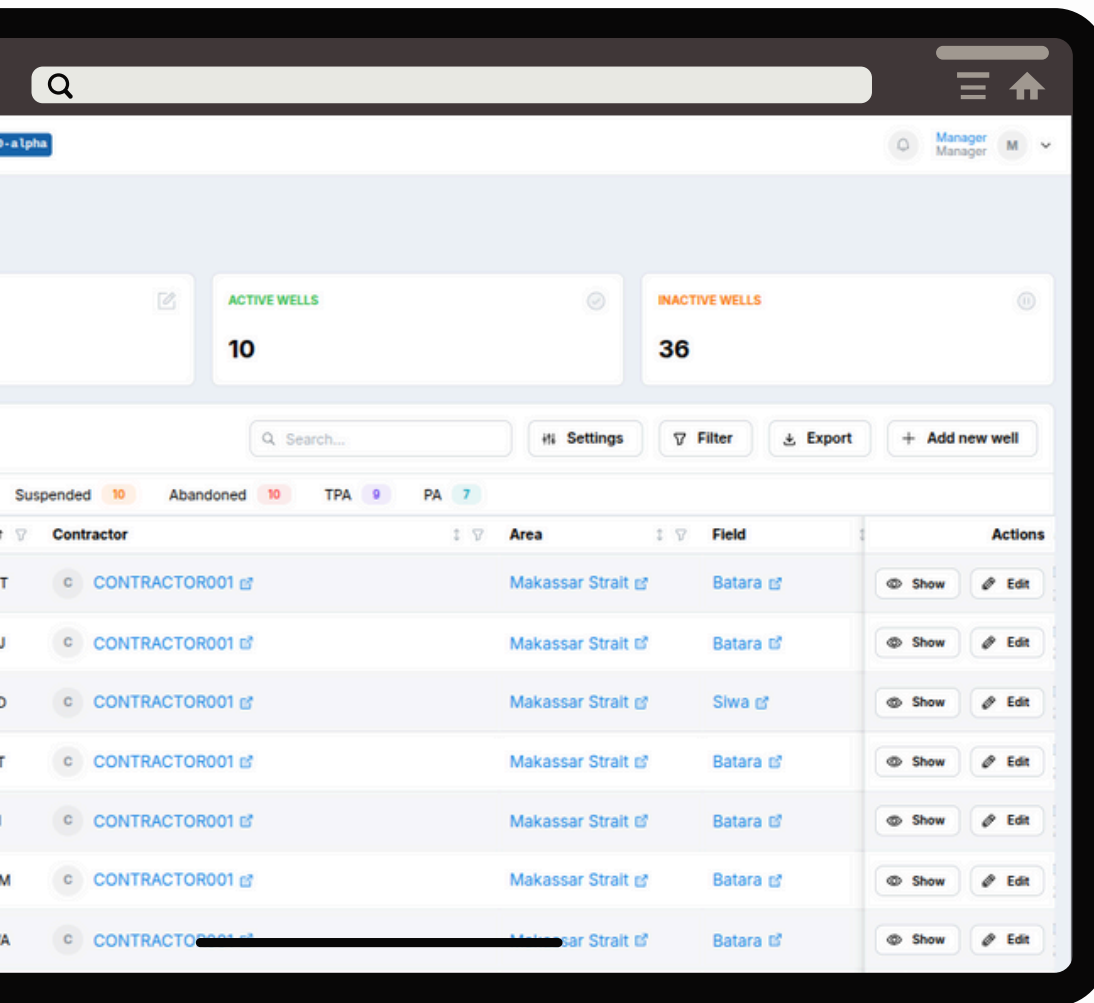
SUPPORT STAFFS: 28 Total Support Staff

Role	Shift Schedule	Company	Contact Number	Email	Status	Expired Cert
Production Supervisor	DAY	Weatherford	+61-4793-8257	hmorgan@example.net	DEMOBILIZED	3 Expired Ce
Mud Engineer	ON CALL	Halliburton	+64-8509-6783	cantrellindsay@example.net	MOBILIZED	2 Expired Ce



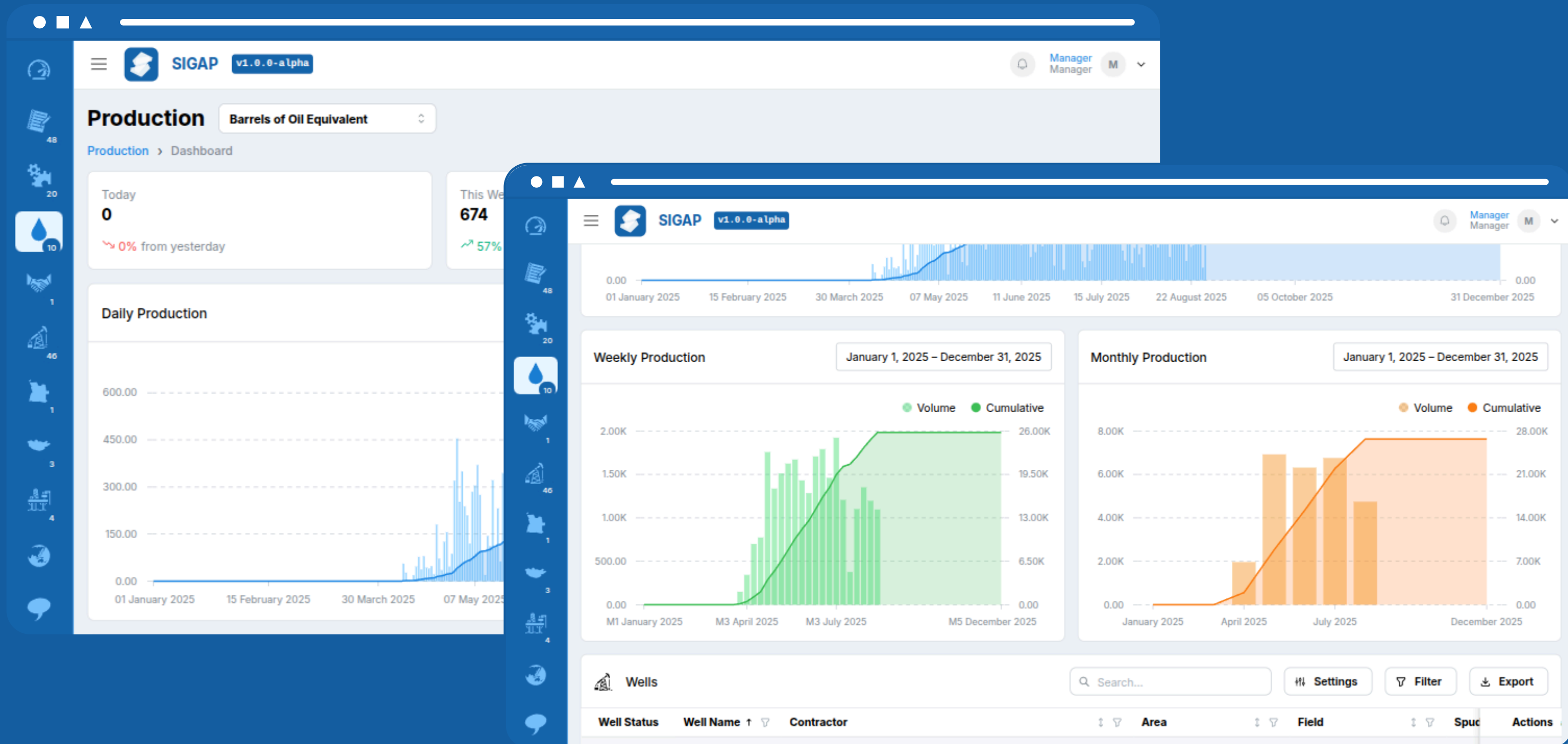
# Assets Management

Manage every drilling asset, from regional areas down to individual rigs and equipment—within a single platform.



# Production

Displays daily production with progress indicators by day, week, and month. The chart shows both daily volumes and cumulative trends, with options to filter by specific time ranges and compare against previous data.



# Areas

Shows detailed information for each area, with options to add or edit attributes such as name, label, stage, type, position, and production status. Area locations are also displayed on a map.

The screenshot displays a web application interface for managing areas. It is divided into three main sections:

- Areas List:** A table showing a list of areas. The table has columns for ID, Name, Label, Phase, Type, Position, Region, and Production Status. The first row shows an area with ID 'f7f1849...', Name 'Abar', Label 'F.2', and Phase 'EXPLORATION'. There are filters for 'All' (169), 'Exploration' (67), and 'Development' (102).
- Map:** A map of Indonesia showing various regions. A specific area is highlighted in blue on the map.
- Edit Area Form:** A detailed form for editing an area. The form includes the following fields:
  - Area ID:** 06a06394-2463-4bc6-af16-83cd7ee0de97
  - Area Name:** Makassar Strait
  - Area Label:** G.10
  - Area Phase:** DEVELOPMENT
  - Area Type:** CONVENTIONAL
  - Area Position:** OFFSHORE
  - Area Region:** REGION\_V
  - Area Production Status:** PRODUCTION

# Wells

Displays a list of wells with status indicators for Active, Pending, and Abandoned. The table provides details such as well name, field, contractor, drilling date, and current status, with options to view or manage each well.

The image displays two overlapping screenshots of the SIGAP v1.0.0-alpha web application interface, specifically the 'Wells' management section.

**Left Screenshot (Wells List):**

- Header:** SIGAP v1.0.0-alpha, Manager Manager M
- Summary:** TOTAL WELLS: 46, ACTIVE: 10
- Filters:** All (46), Active (10), Suspended (10), Abandoned (10)
- Table:**

Well Status	Well Name	Contractor
ACTIVE	WELL-AMRTT	CONTRACTOR001
ACTIVE	WELL-COJSJ	CONTRACTOR001
ABANDONED	WELL-DPSPD	CONTRACTOR001
ABANDONED	WELL-EAYHT	CONTRACTOR001
TPA	WELL-FHBGI	CONTRACTOR001

**Right Screenshot (Edit WELL-AMRTT):**

- Header:** SIGAP v1.0.0-alpha, Manager Manager M
- Section: Well Identity**

UWI \*  
UWI-URZBT

Well Name \*  
WELL-AMRTT

Well Number \*  
XZXIN

**Well Level Type \***

- Well
- Well Origin
- Wellbore
- Wellbore Segment
- Wellbore Completion
- Wellbore Contact Interval

**Well Class \***

- Delineation
- Wildcat
- Injection
- Producer
- Infill
- Stepout

**Well Profile Type \***

- Horizontal
- Vertical
- Directional
- J Type
- S Type

**Environment Type \***

- Marine
- Land
- Swamp

**Well Location**

Surface Longitude \*  
117.98423384348965

Surface Latitude \*  
-0.17296675260195638

Hide Map

# Rigs

Shows a list of rigs with details such as name, type, and horsepower, grouped by categories like Land, Semi-Submersible, and Jackup. Users can add new rigs, view different rig types, and also manage rig equipment and operations through the available options.

The screenshot displays the SIGAP v1.0.0-alpha interface. The main view is the 'Rigs' list, which includes a sidebar with navigation icons and a top navigation bar. The rig list is filtered by type: All (4), Land (1), Jackup (2), Semi-Submersible (0), and Submersible (0). The list shows four rigs with their respective types, names, total horsepower, and mast heights.

Rig Type	Rig Name	Total Rig Power	Mast
TENDER	Rig-2619	2836.74 hp	56.43
JACKUP	Rig-4495	7800.87 hp	31.16
LAND	Rig-7705	3314.69 hp	36.67
JACKUP	Rig-9856	2770.88 hp	54.71

Showing 1 to 4 of 4 wells

The detailed view of a rig shows the following specifications:

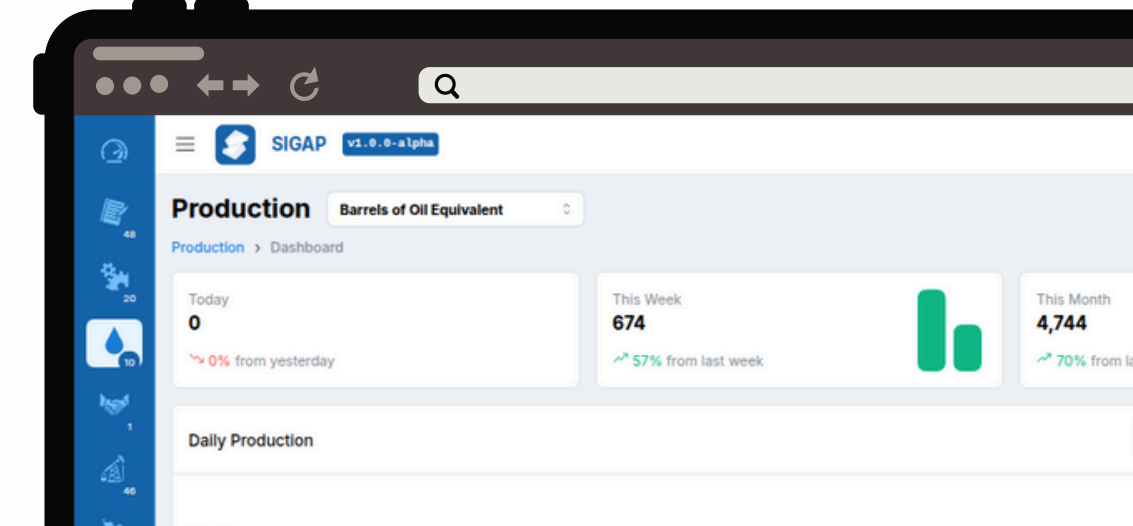
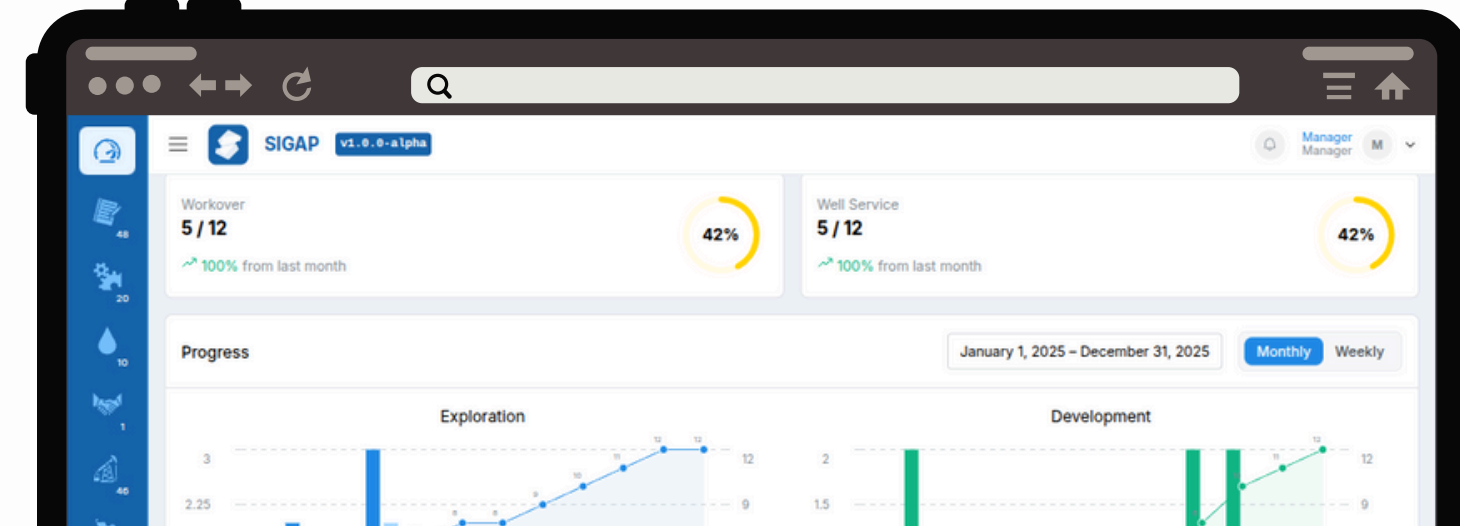
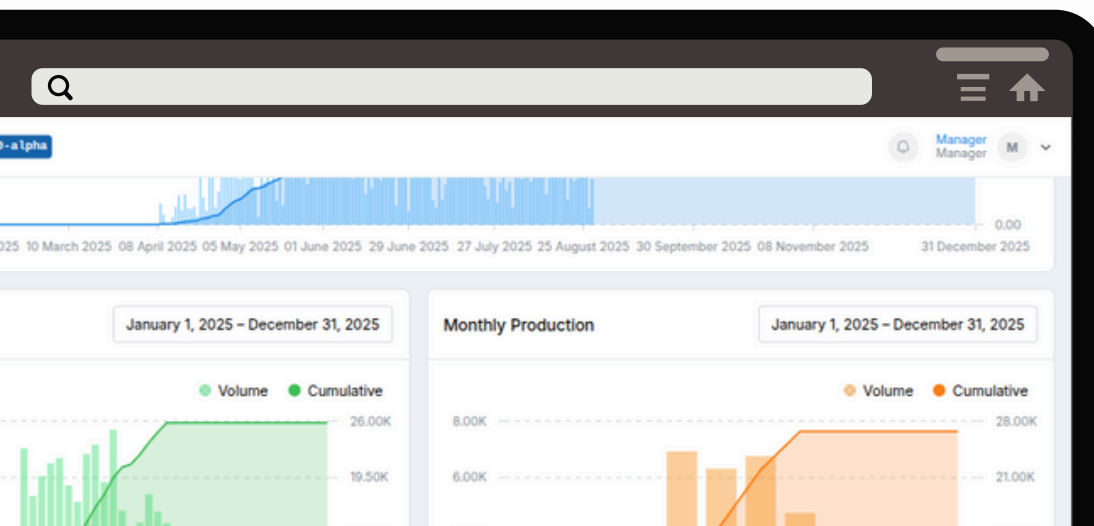
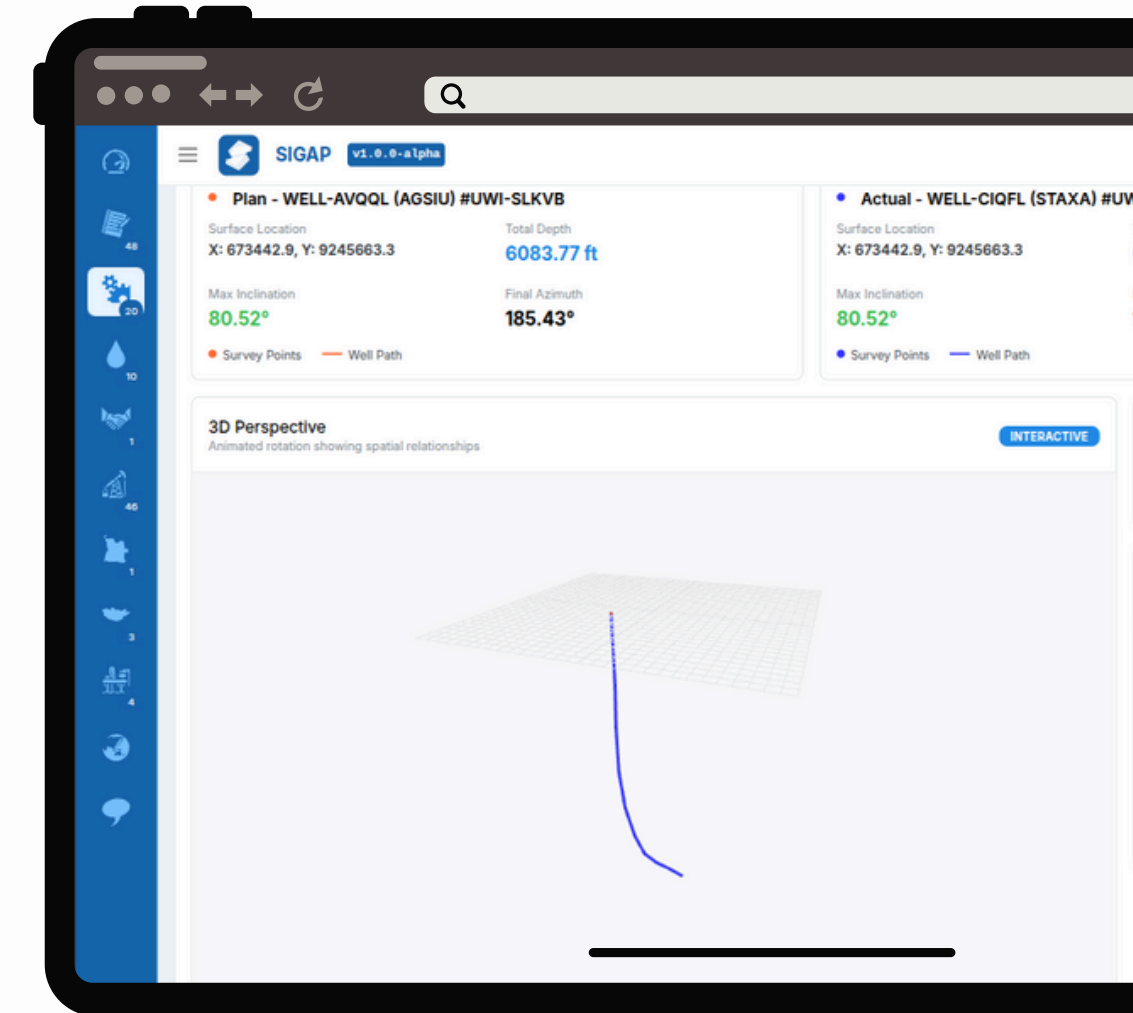
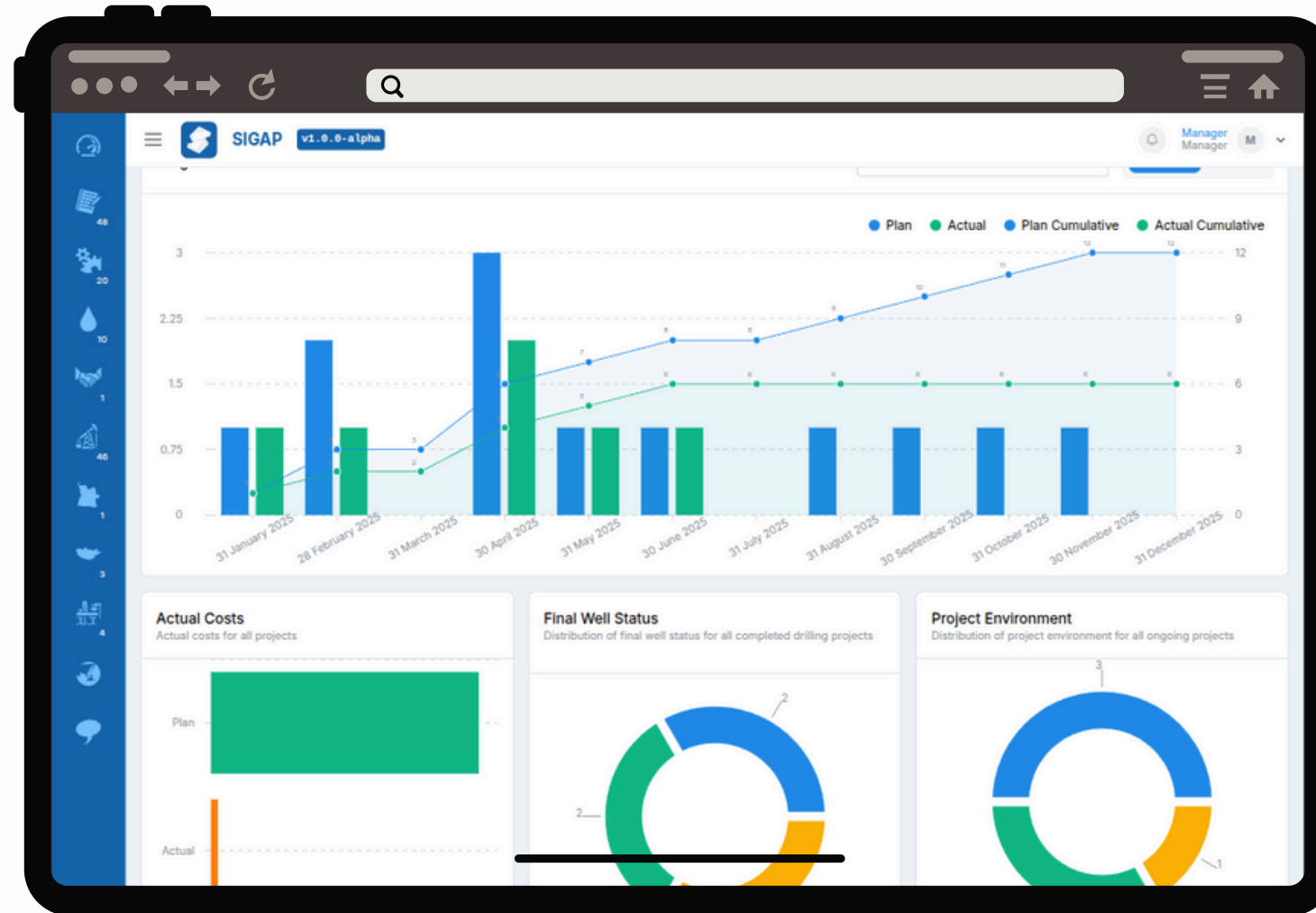
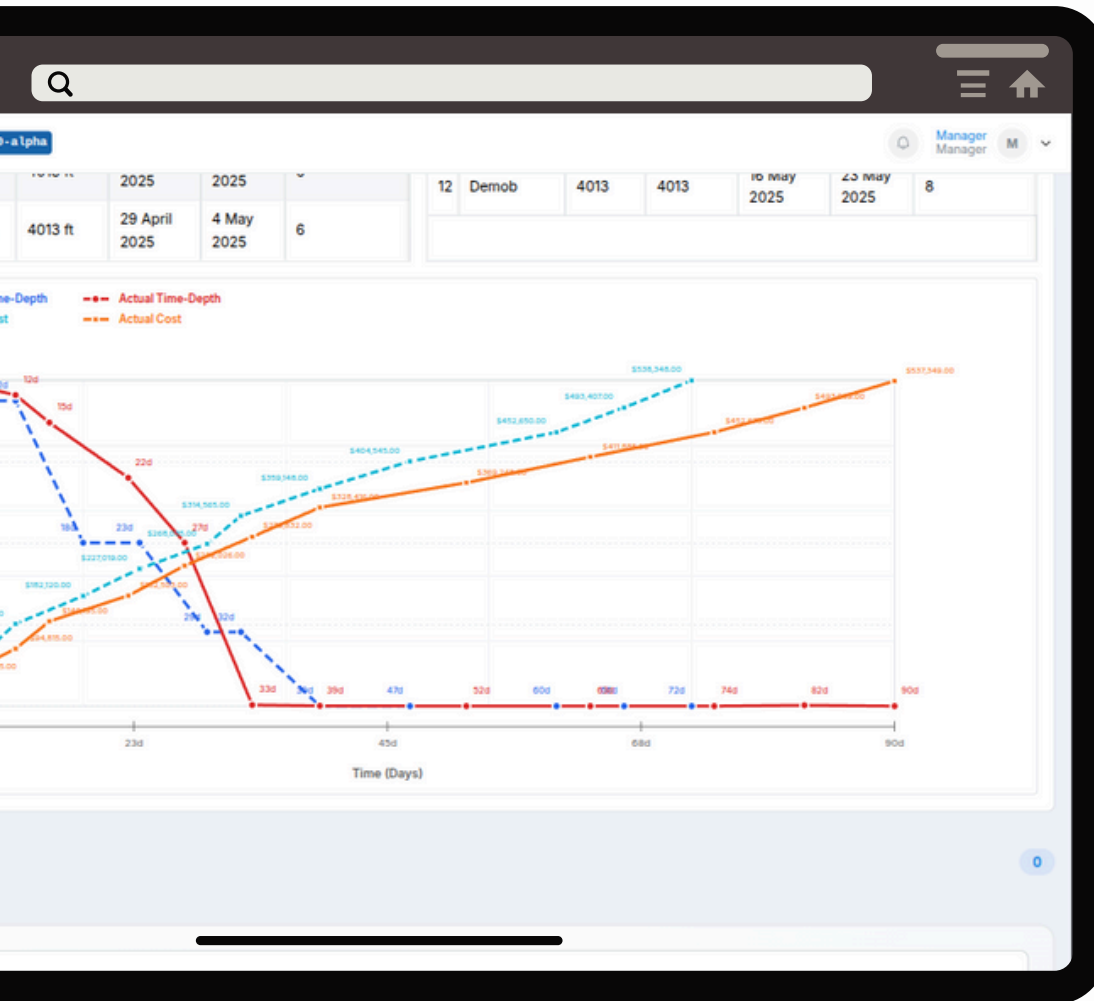
Manufacturer	Cuevas Inc	Pipe Handling System	Food
Manufacturing Year	2001	Total Rig Power	2836.74 hp
Mast Height	56.43 m	Generator Count	5
Derrick Capacity	330.39 tons	Power Supply Type	Electric
Drawworks Power	1223.64 hp	Fuel Capacity	32124.32 liters
Rotary Table Size	40.1 inches	Last Inspection Date	13 June 2024
Top Drive Installed	Yes	Next Inspection Due	1 September 2029
Hookload Capacity	535.36 tons	Commissioned Date	11 December 2015
Substructure Height	8.12 m	Last Major Upgrade Date	5 May 2016

The 'Rig Equipments' section lists all installed equipment:

#	Equipment	Vendor	Last Maintenance Date	Status	Remarks
1	Top Drive	Huynh Ltd	4 August 2025	UNDER MAINTENANCE	All full participant commercial senior.
2	Mud Pump	Perez Ltd	25 January 1985	RETIRED	Theory never draw pick course relate listen.
3	Mud Pump	Clark LLC	15 April 2004	AWARDED	A room firm bank put.
4	Drill Bit	Gilbert Inc	5 February 2014	IN TRANSIT	Live its speech debate woman also its.
5	Top Drive	May, Green and Elliott	12 January 1988	AWAITING MOBILIZATION	Finally all interview.

# Dashboards & Data Visualizations

Turn drilling data into clear insights with real-time dashboards and visual reports. All customizable.





# introducing



## New features



# New features of SIGAP



## Employee Management

Centralize employee data and streamline role assignments across projects.



## Project Task Assignment

Easily assign employees to specific project tasks with clear responsibility tracking.

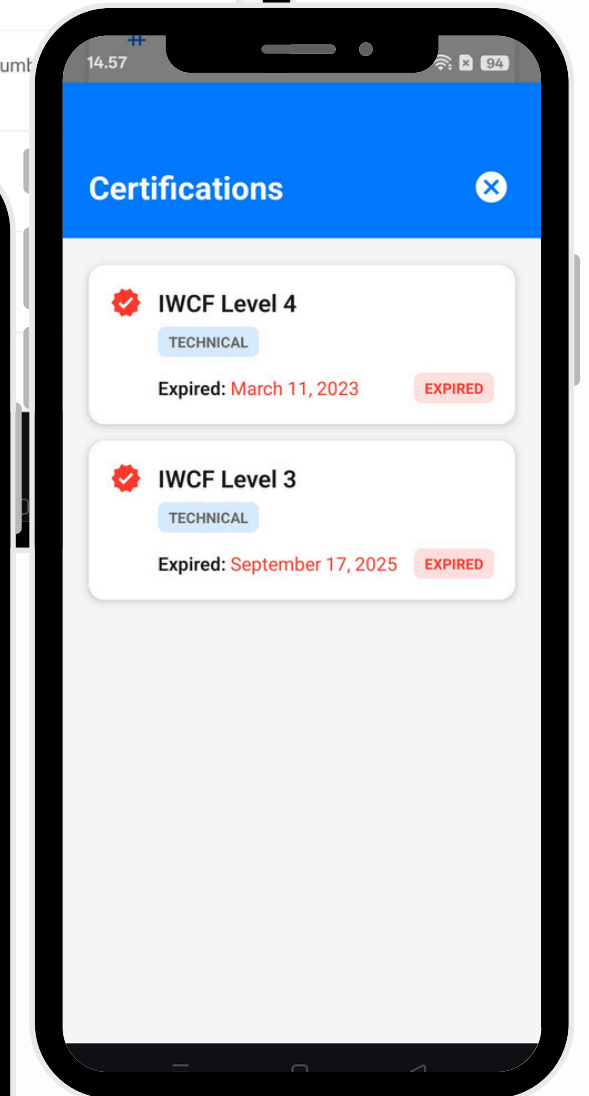
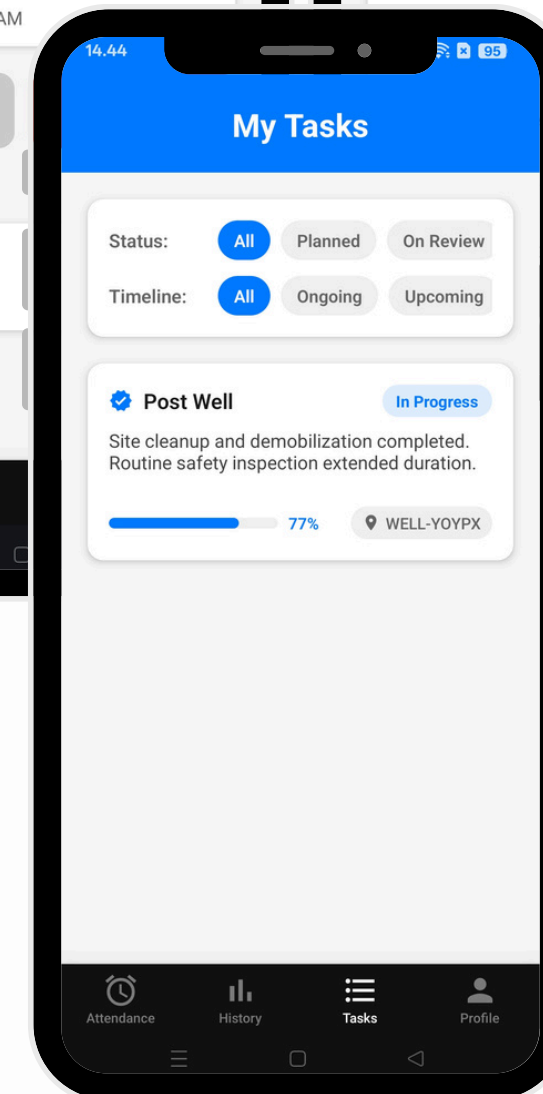
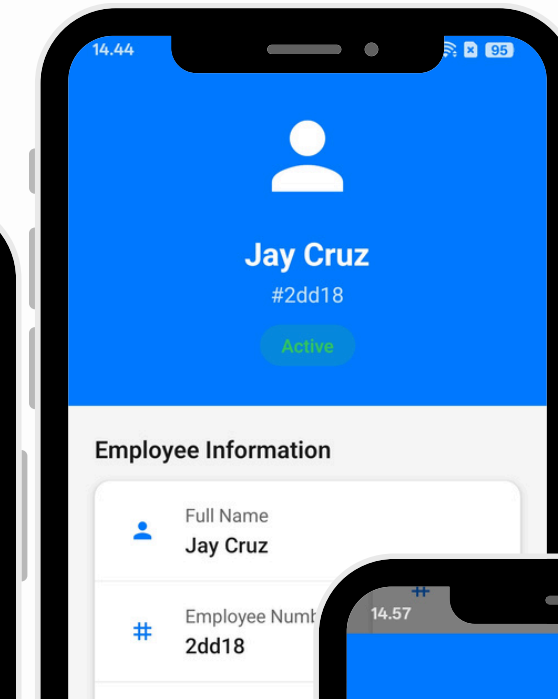
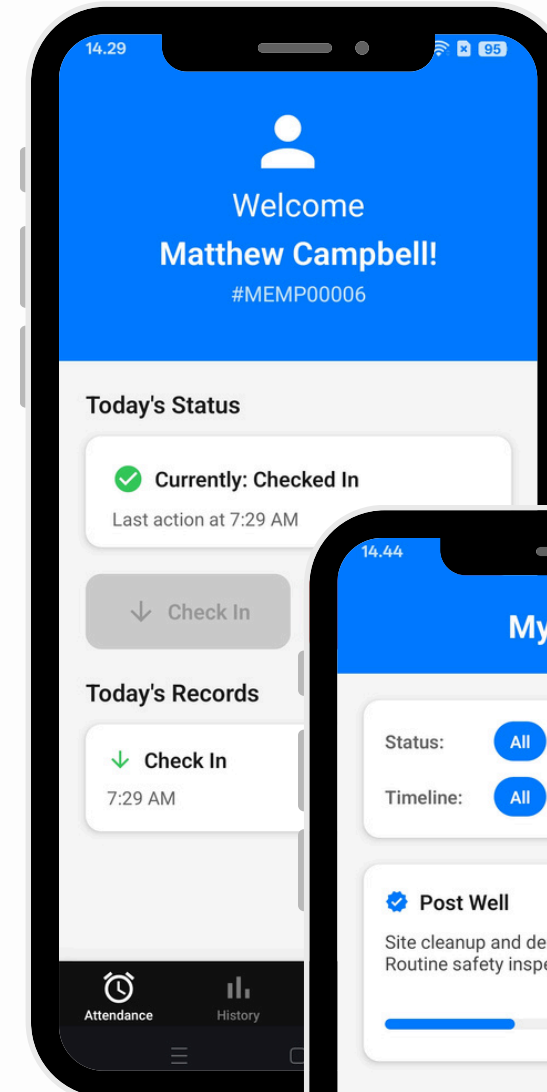
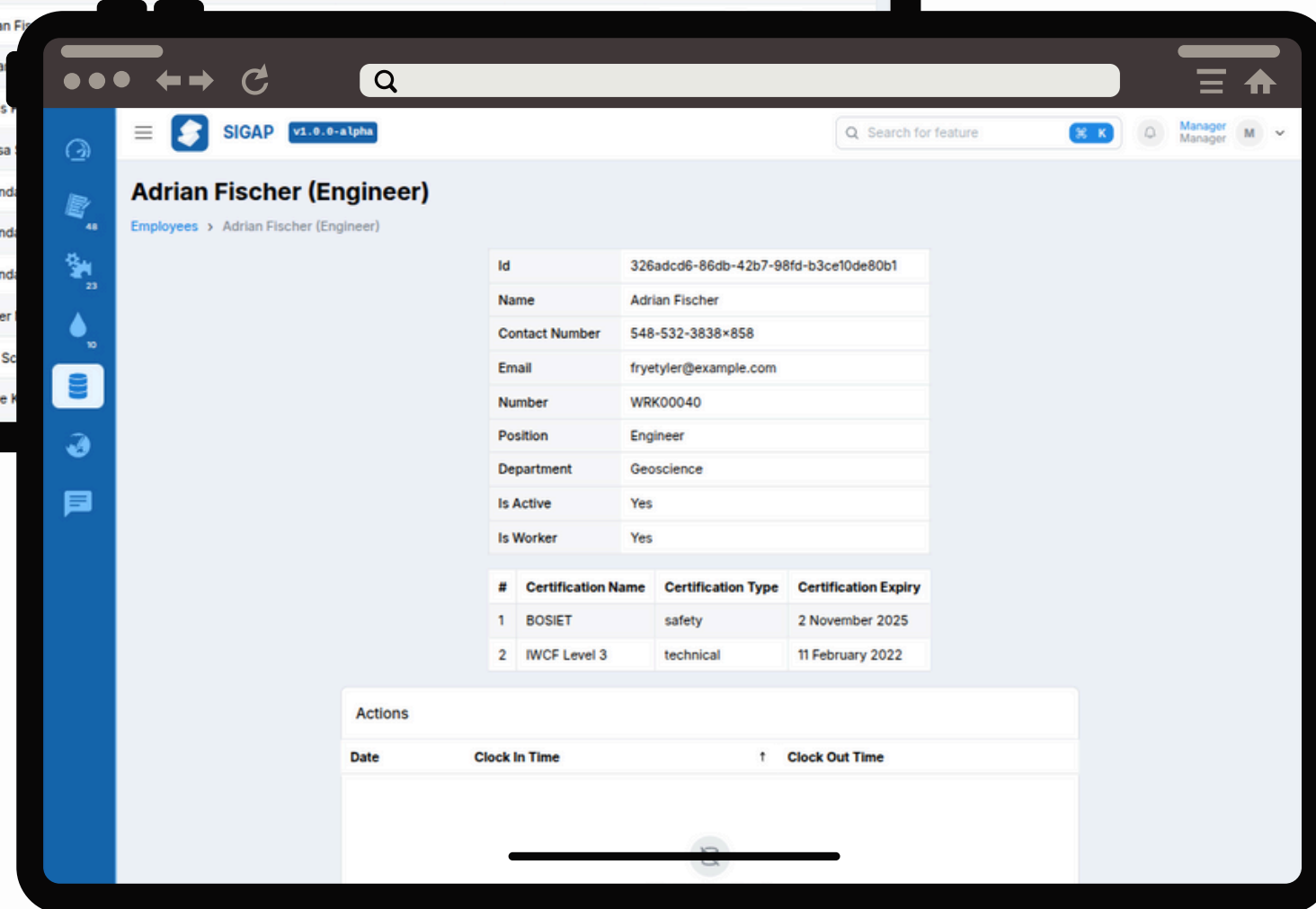
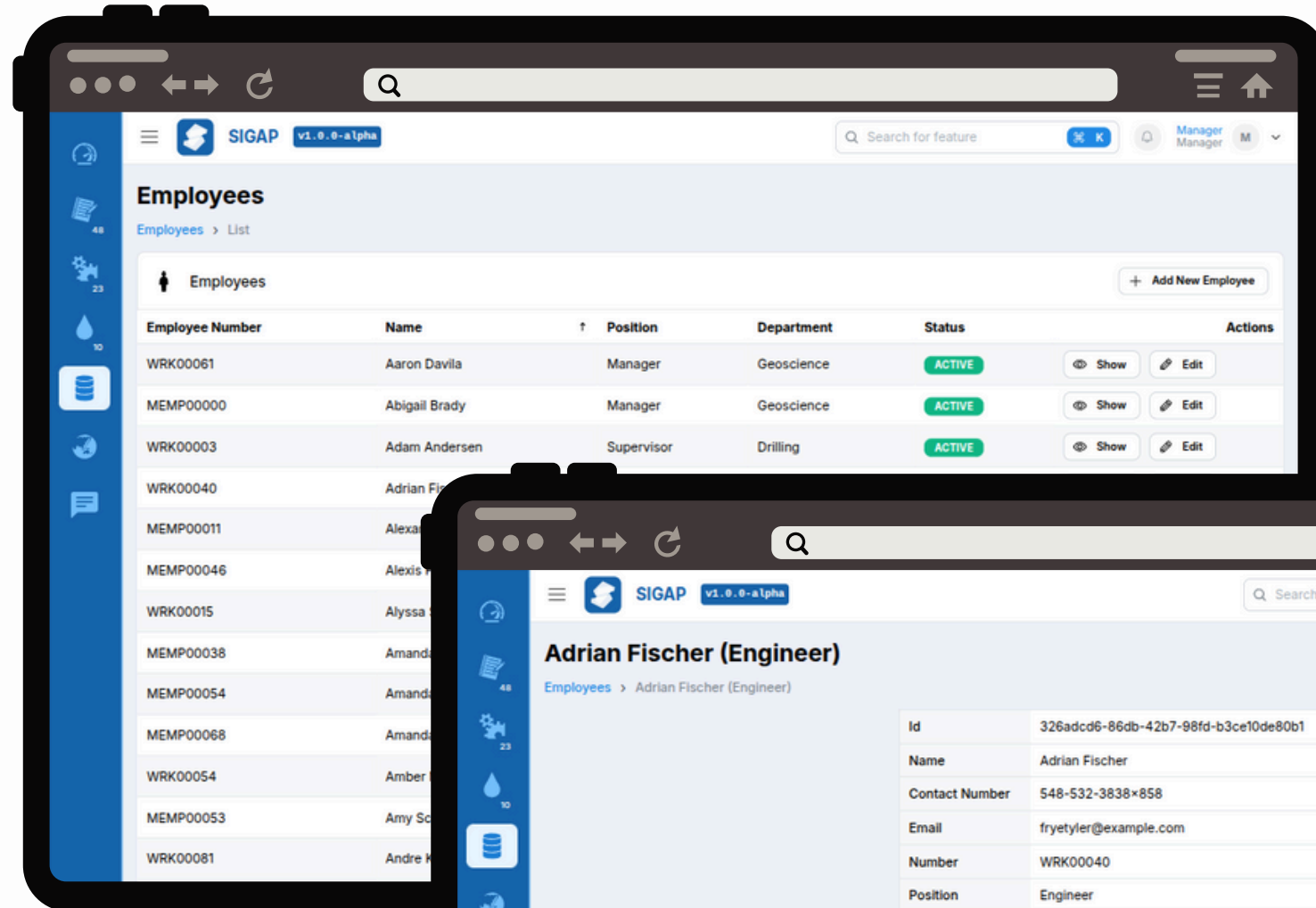


## Kanban Board for Project Tasks

Visualize, organize, and monitor project tasks in a Kanban-style workflow.

# Employees Management

Manage employees, attendance, tasks, certifications  
all in one platform



# Kanban Model Project Tasks

Organize and track project tasks from start to finish, assign the right personnel to each responsibility, and monitor progress and performance in real time to keep projects on schedule.

The image displays a project management software interface. The main view is a Kanban board with four columns: 'Cancelled' (1 task), 'Planned' (4 tasks), 'In Progress' (1 task), and 'On Review'. Each task card shows its name, progress percentage, planned and actual dates, and a brief description. An 'Edit Task' modal is open over the 'Production' task in the 'In Progress' column. The modal contains the following information:

- Task:** Production
- Plan Start:** June 12, 2025
- Plan End:** June 25, 2025
- Actual Start:** June 12, 2025
- Actual End:** June 26, 2025
- Progress (%):** 63
- Assigned Personnel:** A table listing four personnel.

#	Name	Position	Action
1	Mark Hodge	Subsea Engineer	[Remove]
2	Jason Moran	Subsea Engineer	[Remove]
3	Allen Baker	Subsea Engineer	[Remove]
4	Tammy Matthews	Subsea Engineer	[Remove]

try  SIGAP  
yourself...

scan the code or  
visit the demo site.



**[www.test-apetrol.site](http://www.test-apetrol.site)**



# THANK YOU!



**ALL YOUR DATA, ONE  
POWERFUL PLATFORM**



021-2765-0756



[marketing@apetrol.com](mailto:marketing@apetrol.com)



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