



WWW.RIGREPORTS.COM

- Data Capture
- Analytics
- Report Delivery
- Straightforward To Use

Quicker Reporting with **Better Data Quality**



DRILLING & DAILY OPERATIONS SOFTWARE

A cloud-based application with Power BI dashboards to help manage and generate daily professional operational reports for all well lifecycle jobs.

Automatically,
Efficiently & With
Trustworthy Data



SEAMLESS AUTOMATED REPORTS

Professional reports, numerous report templates, multiple distribution groups, and streamlines automated report delivery.



IMPROVE PERFORMANCE EFFICIENCY & JOB EXPENDITURES

Saves 30 minutes a day, per user. reduces NPT, easily Identify inefficiencies, user-friendly interface, power bi dashboards, performance analysis, interactive well data for past and current jobs.



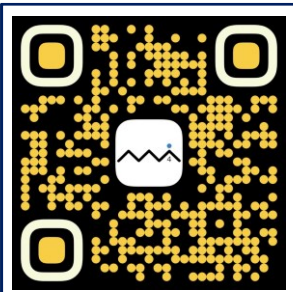
POWERFUL ANALYTICS

Field cost, job cost, cost allocation analysis, detect anomalies, cost trends, AFE budget vs. actual, NPT tracking, interactive well data to compare and query against current and past jobs.



AFFORDABLE WITH GREAT RETURN

Predictable and transparent pricing. Pay only for what you use, no hidden fees or service charges, detailed JIB invoicing, and 24-hour onboarding.



SUITE OF SERVICES



Productioneer



Pandelum



RigReports

Mi4 CORPORATION

Provides Solutions in a World of Data

✉ info@mi4.com 📍 Houston, TX

☎ +1 866 421 6665



RigReports
Saves money & time

Mi4 Corporation

About Mi4 Corporation

Mi4 Corporation is a privately owned Houston-based software company specializing in data and software solutions exclusively in the Oil and Gas Upstream sector.

Mi4 is made up of software and petroleum engineers who are dedicated to creating better software and making data more accessible to our clients.

Mi4 has an 18 year track record of designing and developing custom solutions for E&P and OFS companies and has developed a suite of upstream applications that we provide as a fully managed cloud service, with products including:

RigReports: daily operations reporting application specifically designed to produce fast and accurate daily reports with intuitive analytics for drilling, workovers, completions, and facility jobs. Used by drilling contractor and E&P companies.

Productioneer: production application that simplifies data acquisition, allocations, reporting and analysis for operators. Used by E&P companies and regulatory consultants.

Pandelum: financial analytics package that fills the gap found in many oil & gas ERP's financial reporting capabilities. Used by E&P companies.

We use best practices and technological innovations to provide our clients with business intelligence solutions that maximize the insights obtained from their data while simultaneously being cost effective to reduce total cost of ownership and promote company-wide adoption. Enabling them to make more informed and profitable data-driven decisions.

At Mi4, we find the right data strategy, roadmap, and tools for your business needs. We connect your data across multiple systems, enable cross-functional analysis and deliver a unique solution catered specifically to our clients.

We complement our solutions with our bespoke concierge-level support and customer service.

Melissa Eudy
Business Development Manager
832-724-3451

Trustworthy Data

Automatic Reports

Operational Efficiency

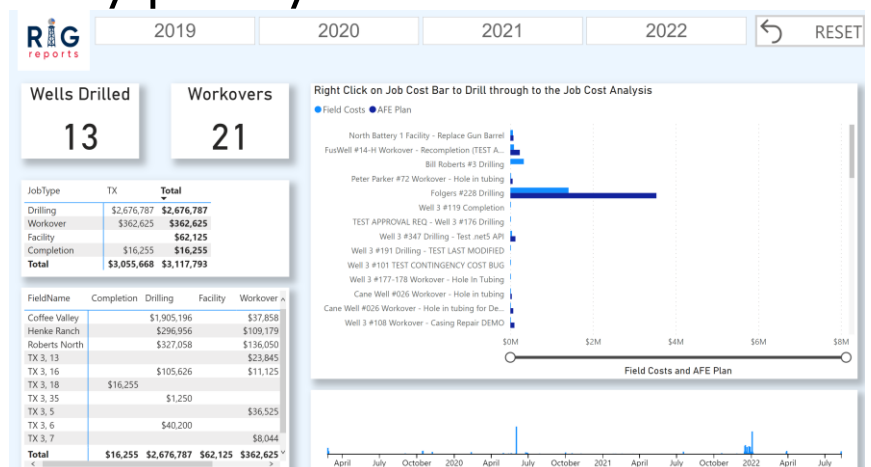
Cost Reductions



RigReports JOB COST ANALYSIS

JOB COST ANALYTICS

- Analyze and evaluate efficiency in operations & cost
- Identify cost trends, outliers, lessons learned and planning future projects
- Make informed decisions faster
- Ability to drill down data by:
 - Years
 - Months
 - Days
 - Field name
 - Job type
 - Field cost vs AFE plan
 - Down to the very penny.



DRILLING

WORKOVERS

COMPLETIONS

FACILITY



RigReports Field Cost Analytics

FIELD COST ANALYTICS

- Ability to drill down data by:
 - Year
 - State
 - County
 - Field
 - Well name
 - Job type
 - Cost template
 - Objective
 - Expense
 - Vendor
 - Tangible costs

Field Cost Report \$79,773.40

Job	Start Date	Cost Amount	Field	Cost Amount	Job Type	Cost Template	Cost Amount
Charles Henke #9 Workover - Casing Repair	01/25/23	\$79,773.40	Henke Ranch	\$79,773.40	Capital Workover		\$79,773.40

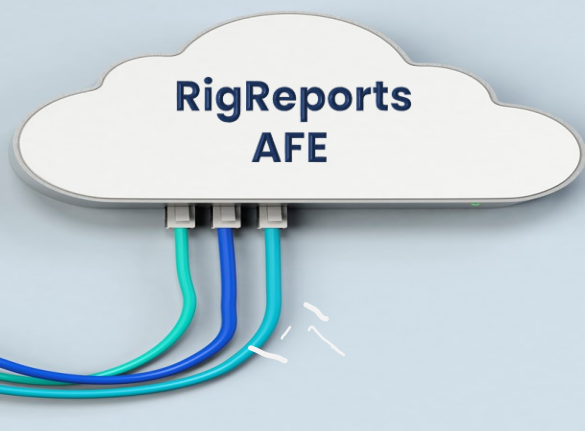
Job	Expense / A/E	Exp Amount	Cost Code	Cost Name	Cost Amount	Service Date	Vendor	Ticket #
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-13	RENTAL & FISHING EQUIPMENT	\$15,000.00	8/13/2021	Energy Fishing Rental	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-20	FISHING SERVICES	\$8,500.00	8/14/2021	Energy Fishing Rental	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-16	CEMENTING SERVICES	\$5,214.00	8/18/2021	York Cement	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-16	CEMENTING SERVICES	\$4,725.00	8/20/2021	York Cement	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	164-220	TUBING	\$3,725.00	8/23/2021	Knight Oil Tools	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-999	CONTINGENCY	\$3,162.00	8/23/2021	<No Vendor Assigned>	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-11	RIG SWAB UT COILED TUBING, DAYRATE, FLAGE, TURKEY	\$2,850.00	8/12/2021	BullDog Rigs	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-11	RIG SWAB UT COILED TUBING, DAYRATE, FLAGE, TURKEY	\$2,385.00	8/12/2021	BullDog Rigs	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-11	RIG SWAB UT COILED TUBING, DAYRATE, FLAGE, TURKEY	\$2,385.00	8/12/2021	BullDog Rigs	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-11	RIG SWAB UT COILED TUBING, DAYRATE, FLAGE, TURKEY	\$2,120.00	8/12/2021	BullDog Rigs	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-11	RIG SWAB UT COILED TUBING, DAYRATE, FLAGE, TURKEY	\$2,120.00	8/12/2021	BullDog Rigs	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-999	CONTINGENCY	\$1,993.50	8/13/2021	<No Vendor Assigned>	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-11	RIG SWAB UT COILED TUBING, DAYRATE, FLAGE, TURKEY	\$1,855.00	8/12/2021	BullDog Rigs	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-999	CONTINGENCY	\$1,454.00	8/14/2021	<No Vendor Assigned>	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-21	LABOR	\$1,440.00	8/14/2021	Centex	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-11	RIG SWAB UT COILED TUBING, DAYRATE, FLAGE, TURKEY	\$1,325.00	8/12/2021	BullDog Rigs	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-22	CONSULTANTS / SUPERVISION	\$1,200.00	8/12/2021	<No Vendor Assigned>	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-22	CONSULTANTS / SUPERVISION	\$1,200.00	8/13/2021	<No Vendor Assigned>	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-22	CONSULTANTS / SUPERVISION	\$1,200.00	8/13/2021	<No Vendor Assigned>	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-22	CONSULTANTS / SUPERVISION	\$1,200.00	8/13/2021	<No Vendor Assigned>	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-22	CONSULTANTS / SUPERVISION	\$1,200.00	8/13/2021	<No Vendor Assigned>	
Charles Henke #9 Workover - Casing Repair	E1235-4	75,000.00	165-22	CONSULTANTS / SUPERVISION	\$1,200.00	8/13/2021	<No Vendor Assigned>	

DRILLING

WORKOVERS

COMPLETIONS

FACILITY



DAILY REPORTS

- Drilling, workovers, completions and facility jobs
- Professional format
- Scheduled automatic delivery
- Critical notes alert in red
- Multiple report options
- Unlimited automated distribution lists, wells, AFEs, contacts, deliveries & report schedules

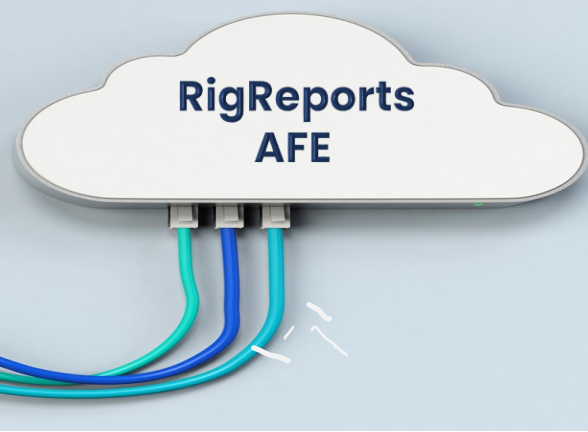
Spindletop Energy		RIG reports		Work Performed 12/11/2021 06:00 - 12/12/2021 06:00							
Charles Henke #9 Workover - Casing Repair											
Well	Charles Henke #9	API #	42-355-33502	Csg. Press.	Tbg. Press.						
Field	Henke Ranch	Rig	Bulldog #17	Wellsite Phone							
Location	Section 517	Supervisors	Fritz Snedeker, Talal Nehme	Daily Cost	\$7,377						
County, State	Nueces, TX	Permit #	678TU	Cum Cost	\$76,923						
Objective	Casing Repair			AFE Amt	\$75,000						
Cause of Failure	Mechanical			AFE #	E1235-4						
		Water Depth	123.40								
Job Notes	This is a job for demo purposes. The notes have been edited.										
Activity Summary	Tag hard cement at 2,322'. Test casing to 200 psi. RDMO										
Activity Planned	Put well on production										
			HOURLY COMMENTS								
FROM	TO	HRS	ACTIVITY								
7:00	9:00	2.00	Tripping	Safety meeting. Open well no pressure. TH with tbg and tag hard cement at 2322'.							
9:00	9:15	0.25	Tripping	Lay down 1 joint tbg and NU pump.							
9:15	12:30	3.25	Other	Pressure up on casing to 200 psi and held ok. Bled off pressure and ND pump.							
12:30	15:00	2.50	Tripping	TOH with tbg laying down on seals.							
15:00	15:30	0.50	Secure Location	Capped in well and RDMO.							
Total Hrs:		8.50	Job Total Hrs: 65.50								
Additional Notes	Mentioned in safety meeting that Hi-Vis safety vest need to be ordered. Running low.										
Tubing/Equipment Out											
Count	Size	Grade	Description	Comments	Length						
55	2.8750	J-55	Tubing		1,753.00						
21	2.0000	H-40	Fiberglass Tubing		603.00						
					Total:						
2,356.00											
Casing Record											
Type	Size	Weight	Grade	Thread	Hole Size	Top (MD)	Btm (MD)	Btm (TVD)	TOC	Cmt Sxs	FIT/LOT
Surface	8.250"	24.00	J-55	LTC	10.000	0	1,200	1,200	0	750	
Production	5.500"	20.00	J-55	STC	7.000	0	5,450	2,355	0	1275	
Engine Hours						On Board Inventory					
#	Make	Model	Max HP	Hrs Ran	Total Hrs	Material	24 hr Usage	Received	On Hand		
1	Cat	XYZ123	500	2.00	31.00						
2	Decker	BUX567	450	1.00	19.00						
Health, Safety & Environment											
Accidents		Spills		POL	Temp	Wind	Weather		Waves		
				5	81	5 mph N			2' - 4'		
Intangible Costs											
Cost Name	Code	Amount	Cumulative	Remarks	Vendors						

DRILLING

WORKOVERS

COMPLETIONS

FACILITY



AFE

- View AFE overall summary
- Search and query by:
 - Field name,
 - Property name,
 - Expense type
 - Status
- Each AFE has its own trackable unique identification
- Cumulative job cost vs AFE budget
- Accounting code primary accounts, sub accounts with budget cost and field cost.
- Option to add note per primary account and each cost

Uniq ID (Edit AFE)	Code	Field Name	Well/Property	Expense Type	Created Date	Amount	Cum. Cost	Jobs	Status	Budget New
8714	E1235-4	Henke Ranch	Charles Henke #9	AFE-Capital	04/26/2022	\$75,000.00	\$76,923.40	1	Approved	Budget Details
8713	1234	Henke Ranch	Peter Parker #72	AFE-Expense	04/26/2022	\$55,000.00	\$14,745.72	1	Pending	Budget Details
8711	DC456789	Coffee Valley	Folgers #228	AFE-Capital	04/26/2022	\$737,500.00	\$0.00	0	Approved	Budget Details
8701	asdasdasd	Coffee Valley	Folgers #228	AFE-Capital	04/11/2022	\$0.00	\$0.00	0		Budget Details
8700	AFE123456	Coffee Valley	Folgers #228	AFE-Capital	04/11/2022	\$809,322.00	\$0.00	1	Approved	Budget Details
8695	TEST1234	TX 3, 11	Well 3, #212	AFE-Expense	03/31/2022	\$326,111.00	\$0.00	0	Approved	Budget Details
8687	XY203012	Roberts North	FuWell #14H	AFE-Capital	03/30/2022	\$228,800.00	\$91,910.00	2	Approved	Budget Details
8680	AFE1234	Henke Ranch	Peter Parker #72	AFE-Capital	01/19/2022	\$4,500,000.00	\$0.00	0	Approved	Budget Details
8679	D20220101A	Henke Ranch	Peter Parker #72	AFE-Capital	01/19/2022	\$3,500,000.00	\$0.00	0	Approved	Budget Details
8677	AFECr5123	Henke Ranch		AFE-Capital	01/06/2022	\$1,000,000.00	\$0.00	0	Approved	Budget Details

Showing 1 to 10 of 82 entries << 1 2 3 4 5 >> 10



RigReports OPERATIONS DETAILS

OPERATIONS DETAILS

- Updated daily insight
- Summary of work
- Inventory & equipment tracking
- 24-hour activity forecast
- Hourly comments and tracking
- Job hours
- Tangible and intangible costs
- HSSE
- Weather
- Built-in tools to import directional surveys and other data and easily Identify inefficiencies.

The screenshot displays the 'Folgers #228 Drilling' report interface. At the top, there are navigation tabs for 'Dashboard', 'Reports', 'New Report', 'Distribution', 'Analysis', and 'Files'. Below this, a 'Draft' report for 'Report #21 for work on January 4, 2023' is shown. The main content area includes a 'Summary of Work' section with a text box containing 'Drilling, short trip. Drill ahead.' and a '24 Hour Activity Forecast' section with a text box containing 'TH to 0949. Drill ahead and test.' To the right, there are input fields for 'Current Depth (ft)' with values 'MD: 9036' and 'TVD: 8932'. Below these sections is a table titled 'Hourly Operations Log Entry 6:00 AM - 6:00 AM'.

From	To	Hrs	Activity	NPT	Operations	Well Depth	Event
06:00	16:30	10.50	Drilling		Drilling from 8593 ft. to 8949 ft. For 256 ft. 163 SPM, 783 GPM, 3450 PSI, 50 RPM, 4500 ft/lbs torque.	8,949	
16:30	18:30	2.00	Circulating		Circulate 30 bbl Hi-Vis sweep to surface. 170 SPM, 708 GPM, 3550 PSI, 50 RPM, 3000 ft/lbs torque. Pump slug.	8,949	
18:30	23:45	5.25	Tripping		Flow check, well static. POOH. L/D monel, Pull MWD, break bit, continue L/D directional tools. Proper fillups.	8,949	
23:45	01:00	1.25	PU/LD Tubulars		Clear rig floor, Function test BOP's f/ accumulator unit, L/D 1 std 7 1/4" DC. YDS showline size. motor fault and accumulator pressure bleed off.	8,949	

At the bottom of the interface, there are buttons for 'Delete Draft', 'Save and exit', 'Preview', and 'Submit Report'.



RigReports DAILY COST DETAILS

DAILY COST DETAILS

- Immediate review of expenditures
- Reoccurring cost feature
- AFE remaining budget
- See cumulative daily totals
- Accounting, field personnel & management all abreast of cumulative totals, budget and deliveries daily.

The screenshot displays the 'Enter a New Cost' form with the following fields:

- Account: Select a cost account
- Amount: \$
- Comments: [Text input]
- Vendors: Select a vendor, Add New Vendor
- Ticket #: [Text input]
- Service date: 01/04/2023
- Recurring Cost: [Toggle]
- + Add cost

Summary statistics:

- Daily Total: \$82,176.60
- Job Total: \$2,244,856.70

Intangible Costs Table:

ACCOUNT / VENDOR	CODE	DAILY	CUM.	AFE (REMAINING)	REMARKS	TICKET #
Mobilization	162 - 10	\$5,534.00	\$644,779.00	\$156,000.00 (\$488,779.00)		
Lump Sum	162 - 10.1	\$1,500.00	\$120,045.00	\$125,000.00 (\$4,955.00)		
A-Part Energy			\$1,500.00		Trucking	
Day Rate	162 - 10.2	\$0.00	\$5,000.00	\$10,000.00 (\$5,000.00)		
Trucking	162 - 10.3	\$4,034.00	\$4,034.00	\$8,000.00 (\$3,966.00)		
Halliburton		\$1,500.00			Trucking for equipment	
ACME Truck Lines		\$2,534.00			Hello world	

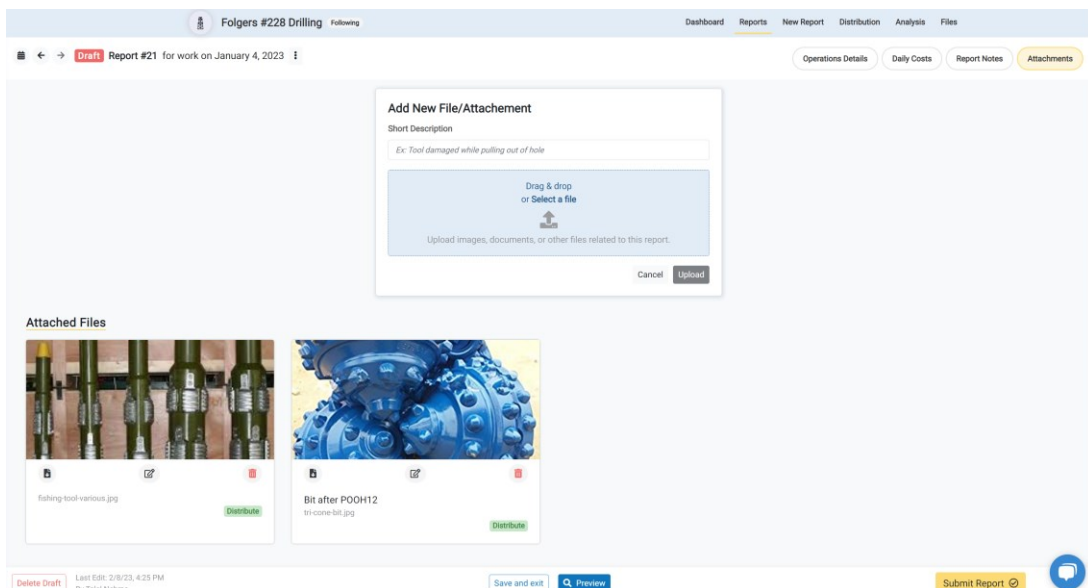
Footer: Delete Draft | Last Edit: 2/9/23, 4:25 PM by: Total Helium | Save and exit | Preview | Submit Report



RigReports ATTACHMENTS

ATTACHMENT SECTION

- Drag and drop pertinent files, images, documents, or other files related to your report or job.
- Attachments saved such as well bore diagrams, contracts, photos, vendor information, directions to the job site, receipts, personnel training, etc. stays with job history and files can be sent with your daily report.
- Option to send with daily report or save in job history for reference.





WELL VAULT

Upload all your well files, schematics, histories, plans, etc. These files can be tagged to a specific job, or a specific day, or the well in general.

MOST USER-REQUESTED FEATURE
WELL VAULT

Follow	Name	Type	Reports	Costs	Start date	End date	Status
+ Follow job	Folgers #228 Workover - Reactivation	Workover	1	\$0.00	9/22/22	-	Work not started
+ Follow job	Folgers #228 Completion	Completion	1	\$110.86	8/24/22	-	In progress
+ Follow job	Folgers #228 Completion	Completion	1	\$0.00	4/15/22	-	Work not started
Following	Folgers #228 Drilling	Drilling	21	\$2,162,680.10	12/15/21	-	In progress

DRILLING

WORKOVERS

COMPLETIONS

FACILITY



REPORT NOTES

Keep track of pertinent rig information:

- Training
- HSE / Accidents
- Weather
- Delays
- Highlight critical notes in red to stand out on reports.

ADMIN CONTROL

We import chart of accounts, vendor list, well information, directional surveys, users and AFE information.

