

BUILD YOUR OWN MODEL

AI Native Operations. Less overhead. More output.

Your operations team is carrying work that AI should be doing. Build Your Own Model gives every engineer the ability to automate surveillance, root cause, routing, and documentation without adding headcount.

90%

Reduction in repetitive ops work

\$4M+

Captured value, six months

12+

Issue types from day one

THE BUILD YOUR OWN MODEL PROCESS

01

Drag and drop

over any timeseries pattern

02

Thumbs up or down

on the returned matches

03

Publish and deploy

across your entire asset base

04

Tasq classifies

root cause attached

The most accurate AI time series search in the industry

Tasq delivers the highest accuracy timeseries pattern matching available for oil and gas operations, enabling every downstream workflow from event detection to root cause classification, automated routing, and reliability reporting.

1 yr

Pattern match across 1 year of high frequency SCADA data

4x

More events detected vs manual surveillance

10+

Downstream workflows unlocked per deployed model

WHAT IS BUILD YOUR OWN MODEL?

You already know the pattern. Now you can teach the AI.

SHIFTING HOW ORGANIZATIONS OPERATE

Your domain expertise becomes the model. You are not describing a pattern to a data scientist and hoping the output captures what you meant. You are pointing at the pattern directly in the data and deploying it.

Your operations team spends a significant portion of every shift on work that does not require their expertise. Scanning SCADA for known patterns. Manually logging downtime. Routing issues to the right person. Build Your Own Model automates that layer entirely.

- Works directly on raw SCADA signals, no SQL, no feature engineering
- Pattern match across one full year of high frequency data
- Positive and negative feedback loop sharpens match accuracy
- Deploys instantly across all wells, all geographies, all asset types
- Every detection classified automatically with root cause attached

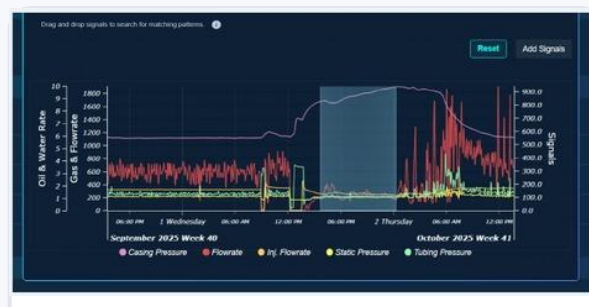
COVERAGE

Build Your Own Model scales to any issue type

Operations teams have deployed Build Your Own Model across all issue types from pre failure well indicators to facility optimization.



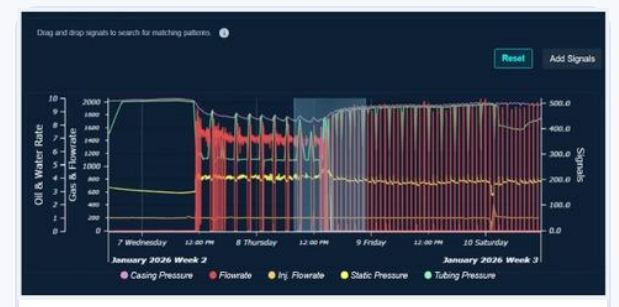
PRODUCTION
Plunger Behavior Change



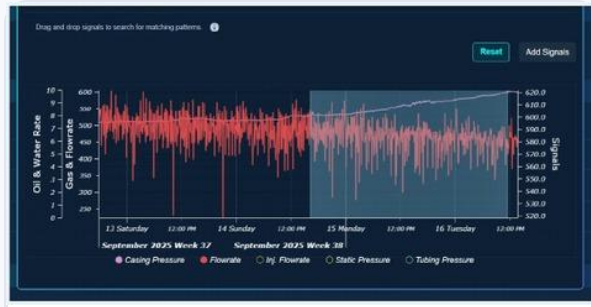
COMPRESSION
Circulating Gas Lift Injection



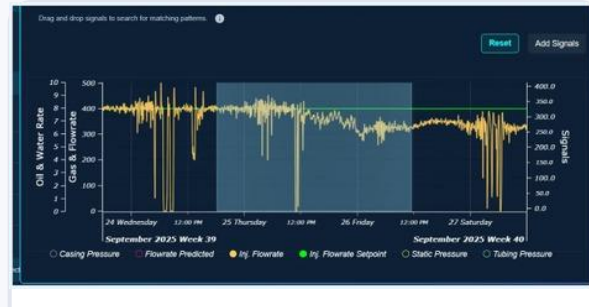
EQUIPMENT
Injection Setpoints vs...



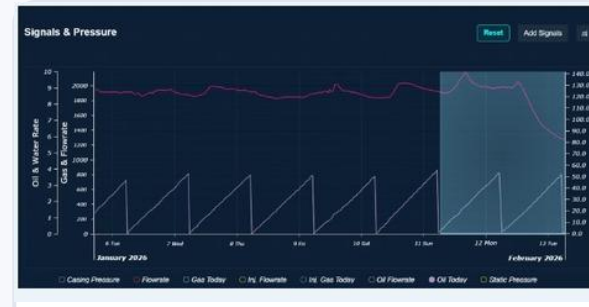
SETPOINTS
Bad Plunger Setpoint Change



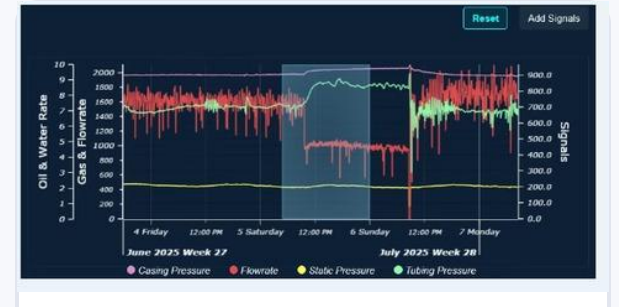
PRODUCTION
Slow Building Gas Lift Restriction



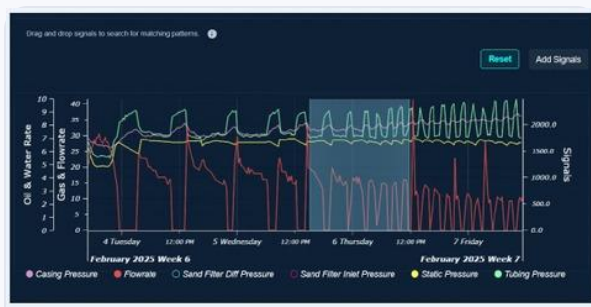
SETPOINTS
Gas Lift Injection Drift



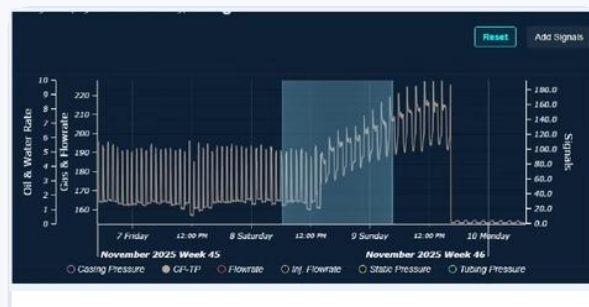
EQUIPMENT
Heated Separator Burner Failure



EQUIPMENT
Plugged Choke



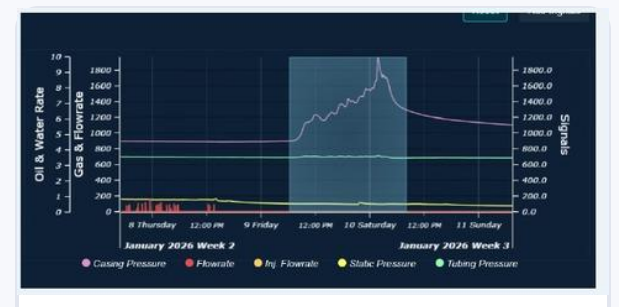
PRODUCTION
Short Cycle Loading



PRODUCTION
Pre Liquid Loading Event



COMPRESSION
Compressor Valve Pre Failure

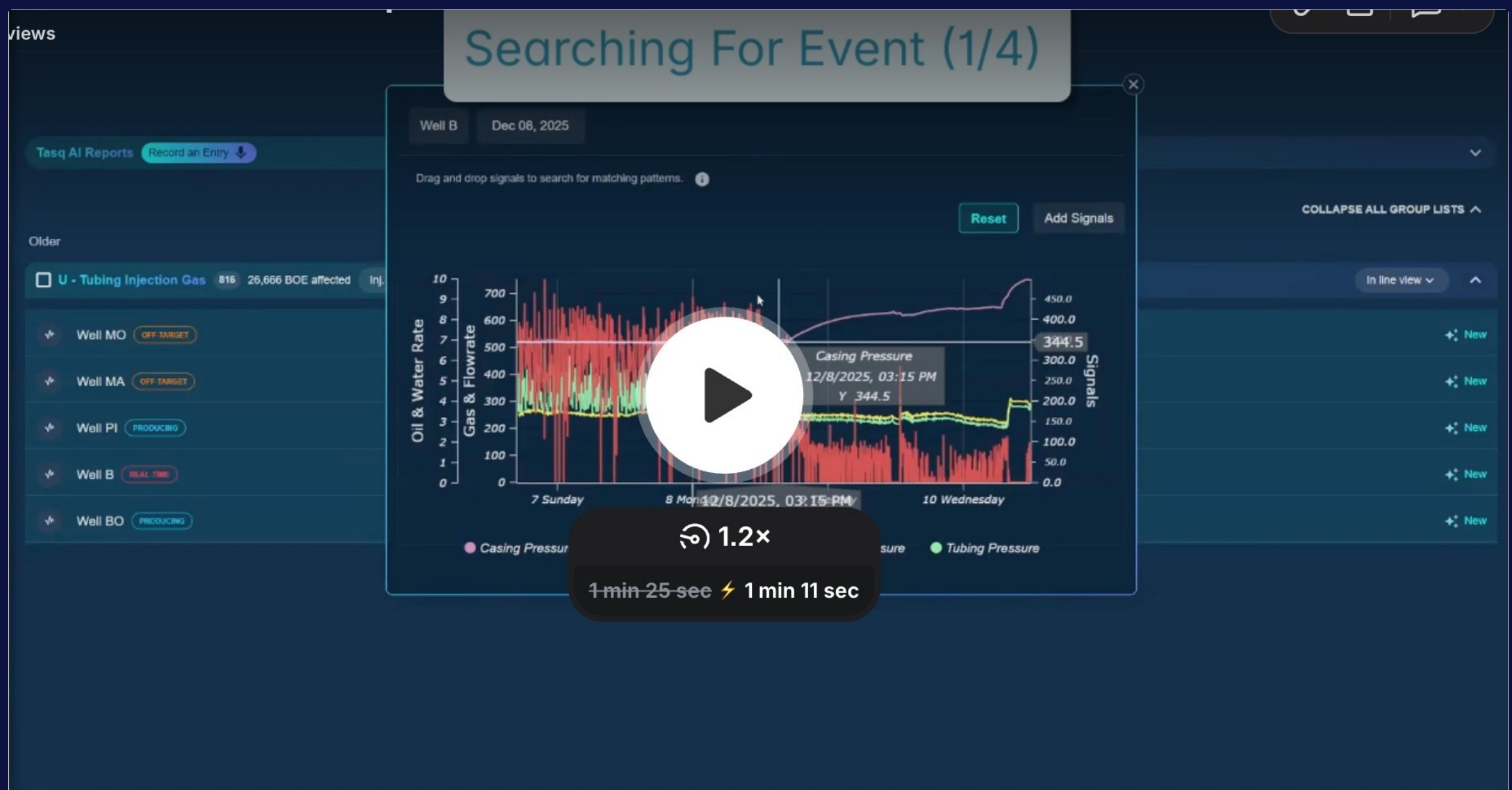


DOWNHOLE
Offset Frac Interference

[LIVE DEMO](#)

Watch: Build Your Own Model in Under Two Minutes

See the complete Build Your Own Model process from spotting an off target well to having a model running across your entire asset base.



loom.com

Build Your Own Model — Tasq.io Walkthrough

See the complete Build Your Own Model process from spotting an off target well to a deployed model.

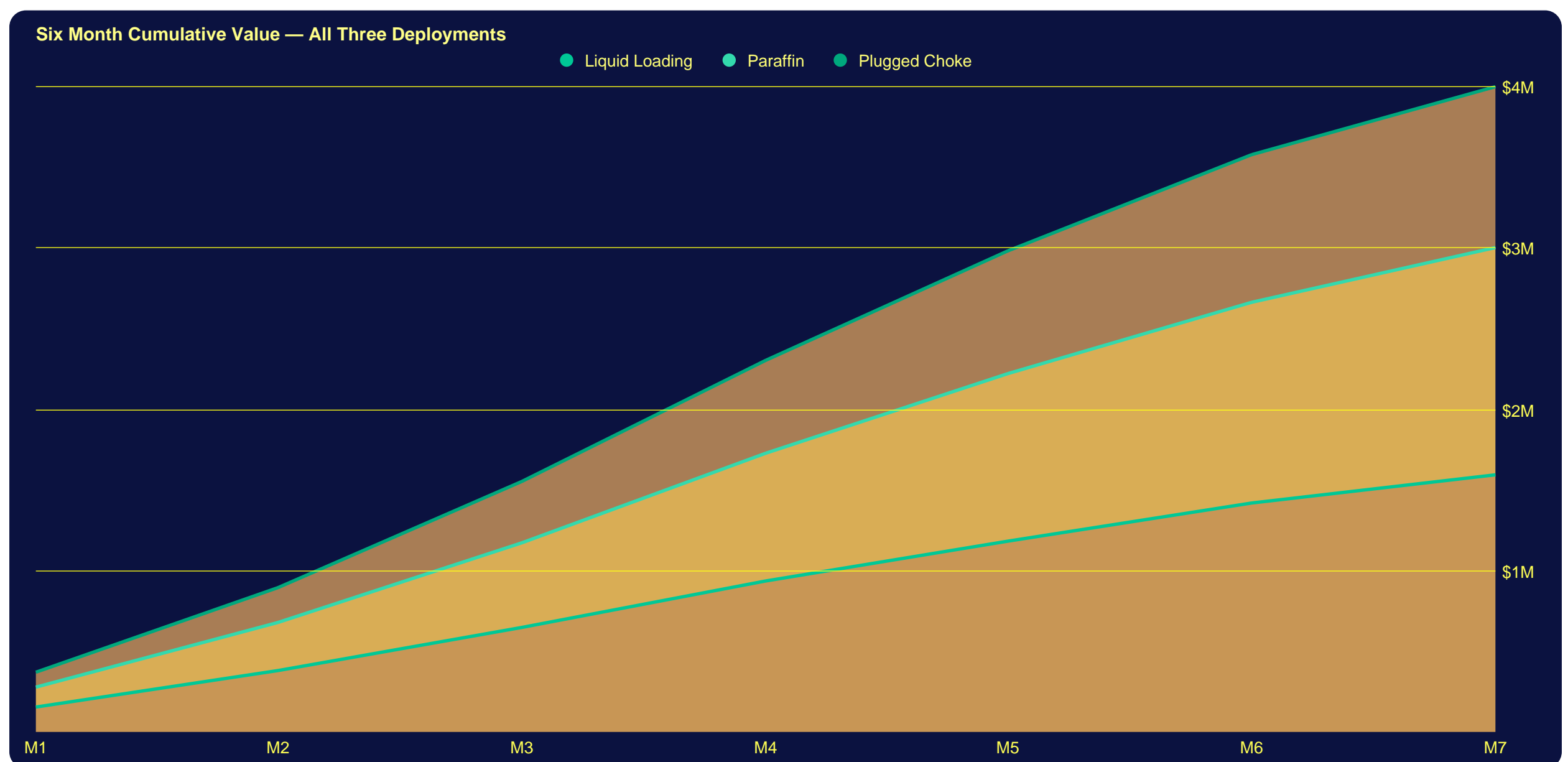
QUANTIFIED VALUE

Three models. \$4M in six months.

Real operator use cases across just 3 models showcase \$4M in value over 6 months. Each model finds issues hours or days before it occurs. Tasq enabled operations to a fully streamlined workflow from classification, diagnosis root cause, to assignment. This whole workflow across each issue no longer takes up the majority of operations time each day.

<p>LIQUID LOADING</p> <p>31 hrs before alarm</p> <hr/> <p>50 events detected per month</p>	<p>PARAFFIN IN TUBING</p> <p>8 days before alarm</p> <hr/> <p>10 events detected per month</p>	<p>PLUGGED CHOKE</p> <p>40 hrs before alarm</p> <hr/> <p>15 events detected per month</p>
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Build Your Own Model — Event Value Summary \$50/bbl \$2.50/Mscf				
Model Name	BOE Target	Cycle (hrs)	BOE Avoided	Value
Early Liquid Loading	63	31	81.4 BOE	\$3,255
Early Liquid Loading	181	31	233.8 BOE	\$9,352
Paraffin Build in Tubing	52	192	416 BOE	\$16,640
Paraffin Build in Tubing	28	192	224 BOE	\$8,960
Plugged Choke	125	40	208.3 BOE	\$8,333
Plugged Choke	190	40	316.7 BOE	\$12,667



FTE SAVINGS

Your team is doing work AI should be doing

Most of the time spent troubleshooting is not spent solving. It is spent finding, documenting, and routing. Build Your Own Model automates all three.

**Issue Identification**

Traditional: Hours of manual SCADA review per event

**Model Building**

Traditional: Weeks of data scientist time per model

**Downtime Documentation**

Agentic AI fills downtime reasons automatically

**Issue Routing**

Classified events auto route to the correct team member

**Reliability Reporting**

Every event captured, classified, accurate data for decisions

90%

Reduction in troubleshooting FTE

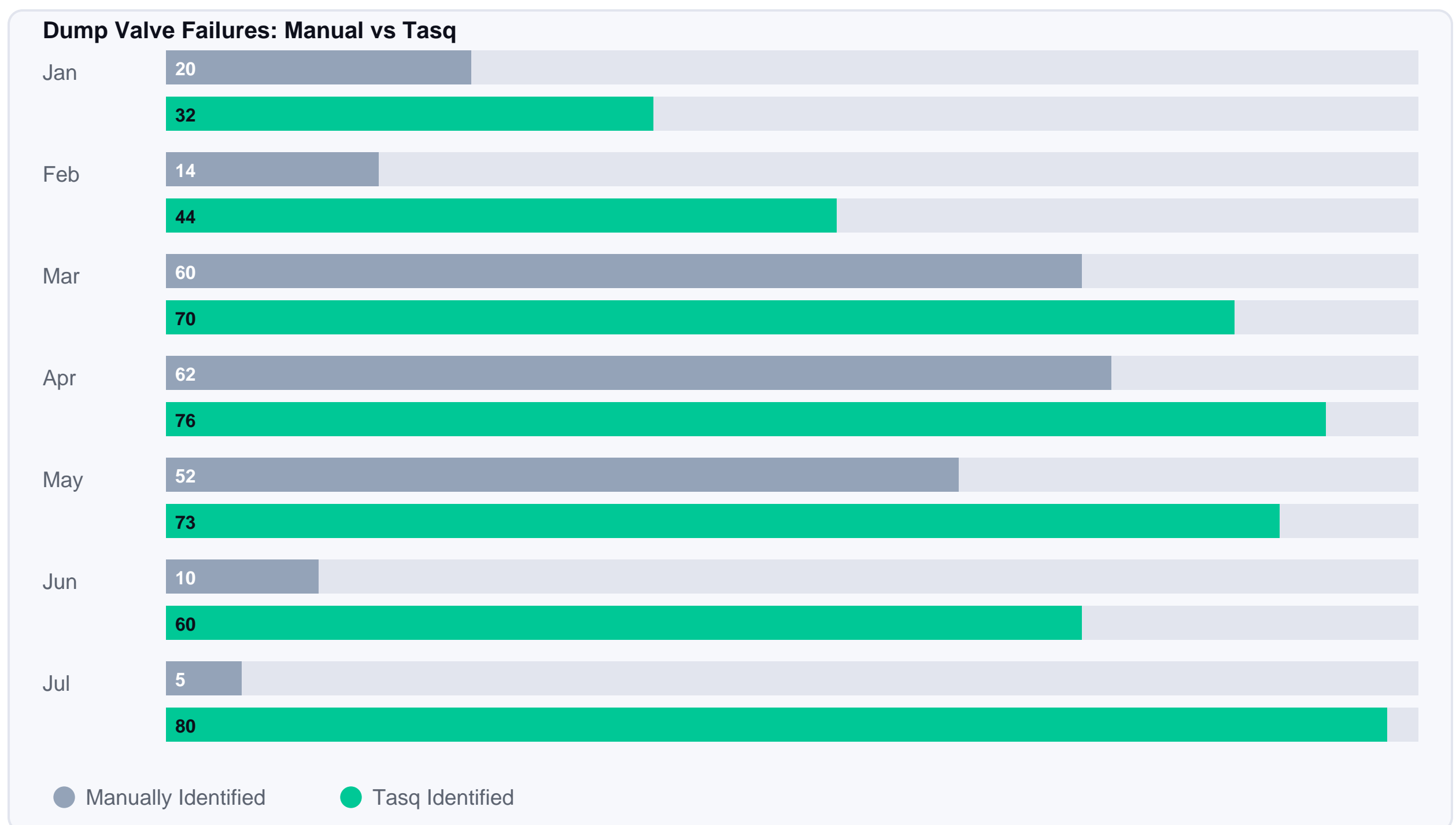
Across a 20 well asset at 50+ events per month, hundreds of engineer hours redirected to decisions only your team can make.

DATA INTEGRITY

Stop relying on manual data entry

Your reliability stats, investment decisions, and operational efficiencies are only as good as the data behind them. Manual data entry creates systematic undercounting even with experienced engineers.

The dump valve data is stark. Month after month, Tasq's automated detection found between 1.5 and 4 times more failure events than manual logging captured. That is not operator error. It is the fundamental limit of human surveillance at scale.



WHY BUILD YOUR OWN MODEL

The only platform that makes your whole team more effective

THE ALTERNATIVES

✗ Adding headcount is the default, expensive and slow to ramp

✗ Enterprise AI platforms take 6 to 18 months, require data science

✗ Manual surveillance misses 50 to 90% of events, unreliable data

✗ Existing tools automate reporting but not the work that feeds it

✗ Your best engineers carry work that should be automated

vs

TASQ BUILD YOUR OWN MODEL

✓ 90% reduction in repetitive operations work, same team more throughput

✓ No new headcount, no data science team, no 6 month implementation

✓ \$4M+ captured value from three models in six months

✓ Engineers build AI directly from their own domain expertise

✓ Every event automatically captured, classified, and routed

[GET STARTED](#)

See what your team looks like without the overhead

Bring us one asset. We will show you what your team is missing, how many hours are going to work that should be automated, and what it looks like when your engineers stop chasing patterns and start building models.

[Request a Free Demo Link →](#)

tasq.io



There is nothing I have seen on the market that comes close to these capabilities

— Major VP