

MARKETING DESIGN PORTFOLIO

2025

zerotohundred.design



Emission Impossible:

Navigating the New Era of Methane Regulation with Qube Technologies

| Site | Total | Daily Avg |
|-----------------|----------|-----------|
| Richmond | 1,975.35 | 282.14 |
| Chesapeake | 1,389.75 | 184.24 |
| Elbow Fork | 989.44 | 141.35 |
| Maple Ridge | 907.42 | 121.43 |
| Autumn Bay | 840.49 | 113.91 |
| Alpine Woods | 750.72 | 100.10 |
| Rockland | 679.55 | 94.94 |
| Discovery Ridge | 482.52 | 68.90 |
| Castle Ridge | 299.01 | 42.72 |

| Category | Total | Daily Avg |
|---------------|----------|-----------|
| Wellhead | 5,121.89 | 759.59 |
| Compressor | 1,227.72 | 175.39 |
| Drift | 1,063.43 | 146.20 |
| Unaccounted | 974.00 | 134.00 |
| Tractor | 550.30 | 75.47 |
| Other Station | 273.88 | 39.13 |

Emission Impossible:

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QUBE

Methane Emissions Regulations

Methane Waste Emissions Charge (WEC):

FAST FACT

25000

Imposes penalties for facilities emitting over 25,000 metric tons of CO2 equivalent per year.

FAST FACT

WEC

WEC is the first federal penalty for greenhouse gas emissions.

FAST FACT

\$900

Fee starts at \$900 per metric ton, escalating annually.

The Inflation Reduction Act (IRA) provides new authorities to the Environmental Protection Agency (EPA) under the Clean Air Act to reduce methane emissions from the petroleum and natural gas sector through the creation of the Methane Emissions Reduction Program (MERP).

MERP establishes a methane waste emissions charge (WEC) for emissions from a subset of facilities that report more than 25,000 metric tons of CO2 equivalent per year to the Greenhouse Gas Reporting Program (GHGRP). The fee applies when statutorily specified waste emission thresholds for the facility type are exceeded. EPA expects the fee will incentivize operators to adopt new technologies and best practices that reduce fugitive emissions, and that fewer facilities will face the charge over time as they reduce emissions and become eligible for regulatory compliance exemptions.

Scope and applicability of the WEC

The scope of emissions subject to the charge is based on 1) the facility's reported emissions under EPA's GHGRP, and 2) an emissions threshold that varies by facility type. The thresholds allow some methane to be released from these facilities without being subject to the charge.

The charge starts at \$900 per metric ton of methane in 2024, \$1,200 per metric ton in 2025, and \$1,500 per metric ton in 2026-on. The proposed rule was announced on January 12, 2024, and will take effect in 2024 after public comment.

| Scope and applicability |
|---|
| <div><div>2024</div><div>\$900</div><div>per metric ton</div></div> <div><div>2025</div><div>\$1,200</div><div>per metric ton</div></div> <div><div>2026</div><div>\$1,500</div><div>per metric ton</div></div> |

Super Emitter Program:

FAST FACT

Focus

Focuses on large-scale methane emission events.

FAST FACT

100kg/hr

Requires immediate action for emission rates over 100 kg/hr.

In a separate but connected action on December 2, 2023, EPA announced its final ruling aimed at reducing methane emissions from the oil and gas sector. The rule establishes new source performance standards (NSPS) and emissions guidelines for methane and volatile organic compounds (VOCs) from new or modified oil and gas sources; new emissions guidelines for states to follow in designing and executing implementation plans to cover existing sources; and a new Super Emitter Program. EPA developed the Super Emitter Program in response to findings that approximately 50 percent of all methane emissions come from large, irregular events.

The final rule defines a super-emitter as having a methane emission rate of at least 100 kg/hr. The program allows third parties to track large emission events and prescribes prompt steps that operators must follow when a super-emitter is detected and attributed to them. The rule takes effect in 2024.

The **Super Emitter Program** establishes a **5-step sequence** for detection, evaluation, investigation, reporting and notification:

1

Detection

Super emitter event detected by **Certified Third Party**. Notifies EPA within 15 days.

2

Evaluation

EPA evaluates notification; if it passes screening, EPA notifies owner/operator; public notified of event location, owner/operator not yet identified.

3

Investigation

Owner/operator initiates investigation within five days of EPA notification.

4

Reporting & Corrective Action

Owner/operator has 15 days to submit a report to EPA. EPA publicly attributes the release to the source.

5

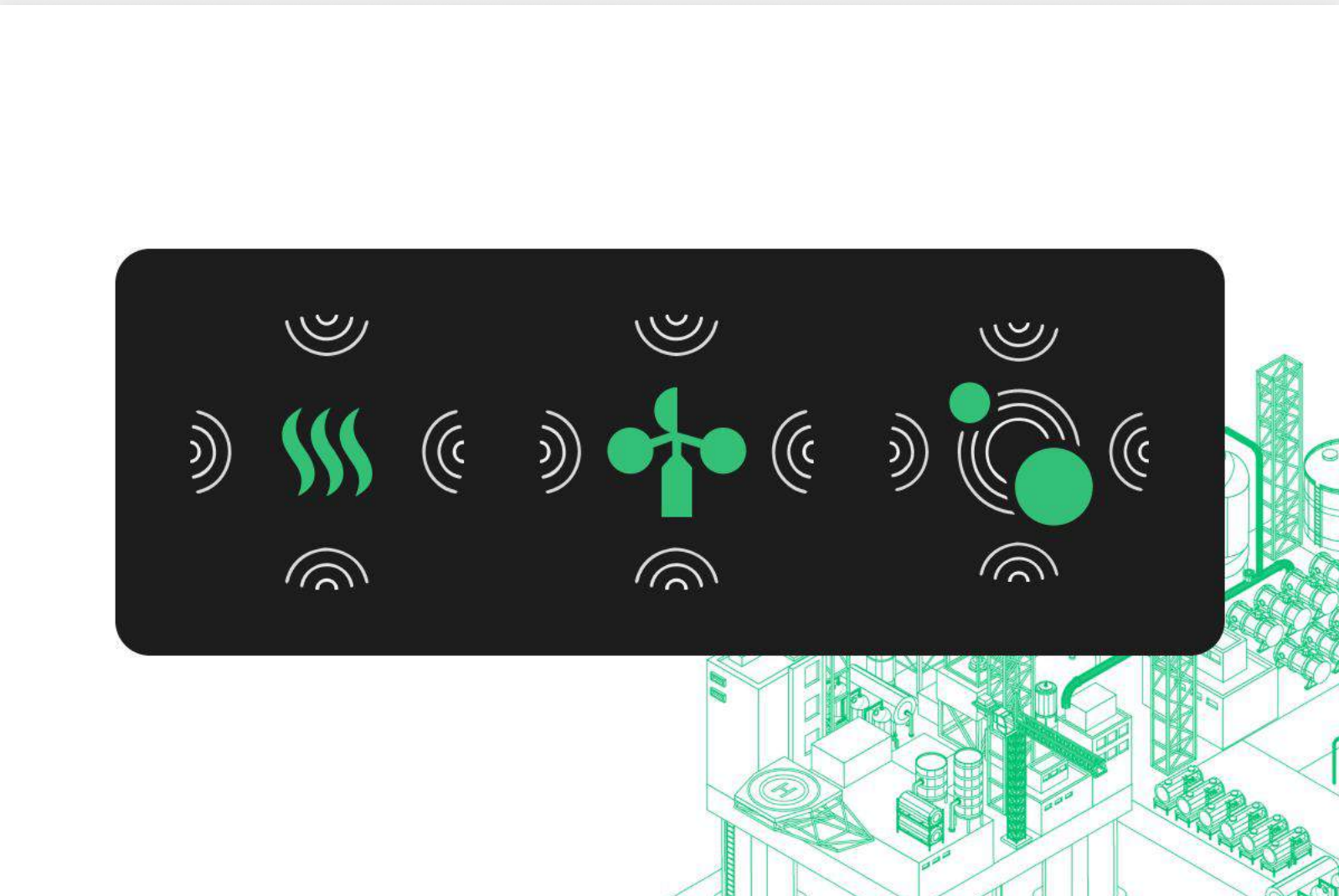
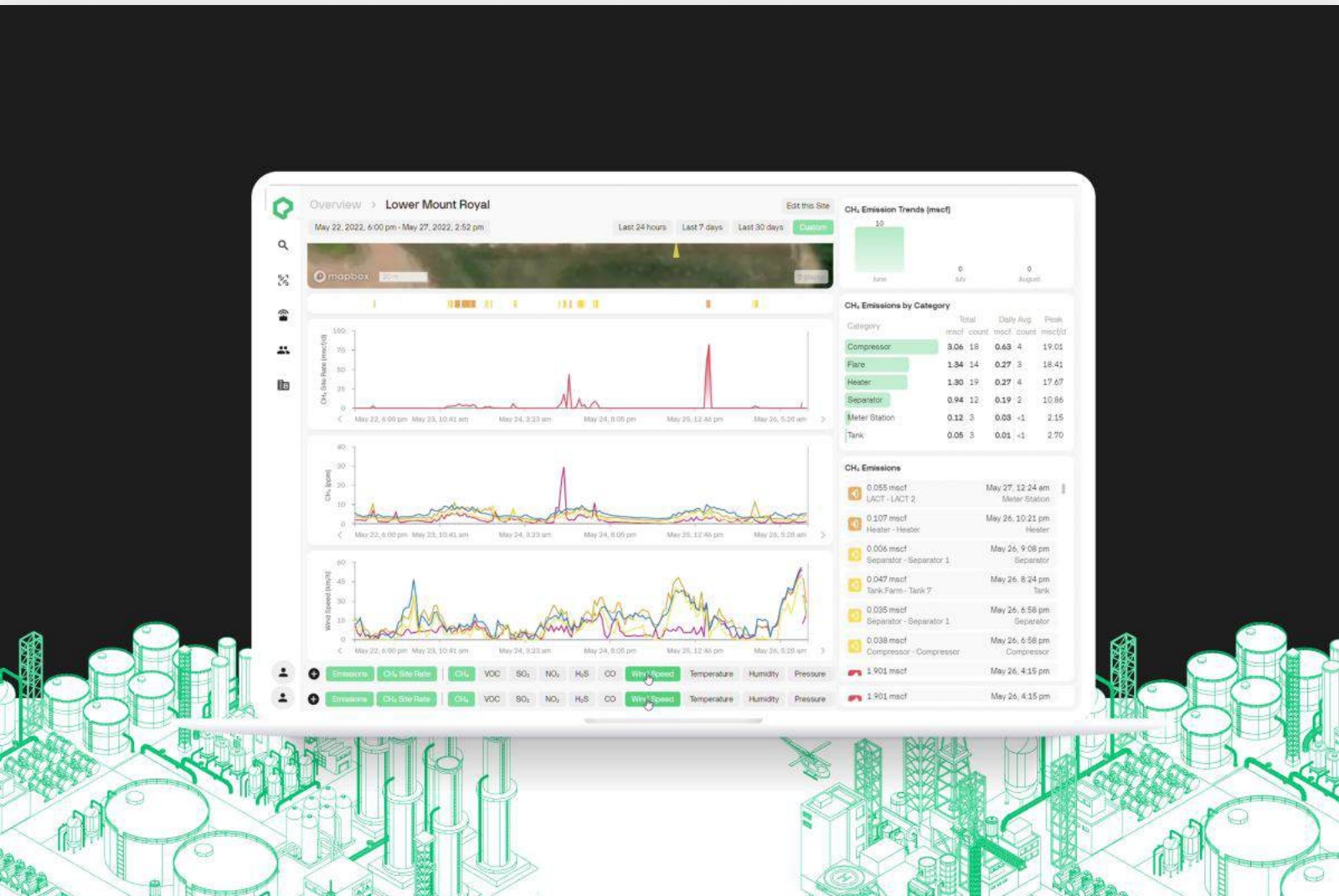
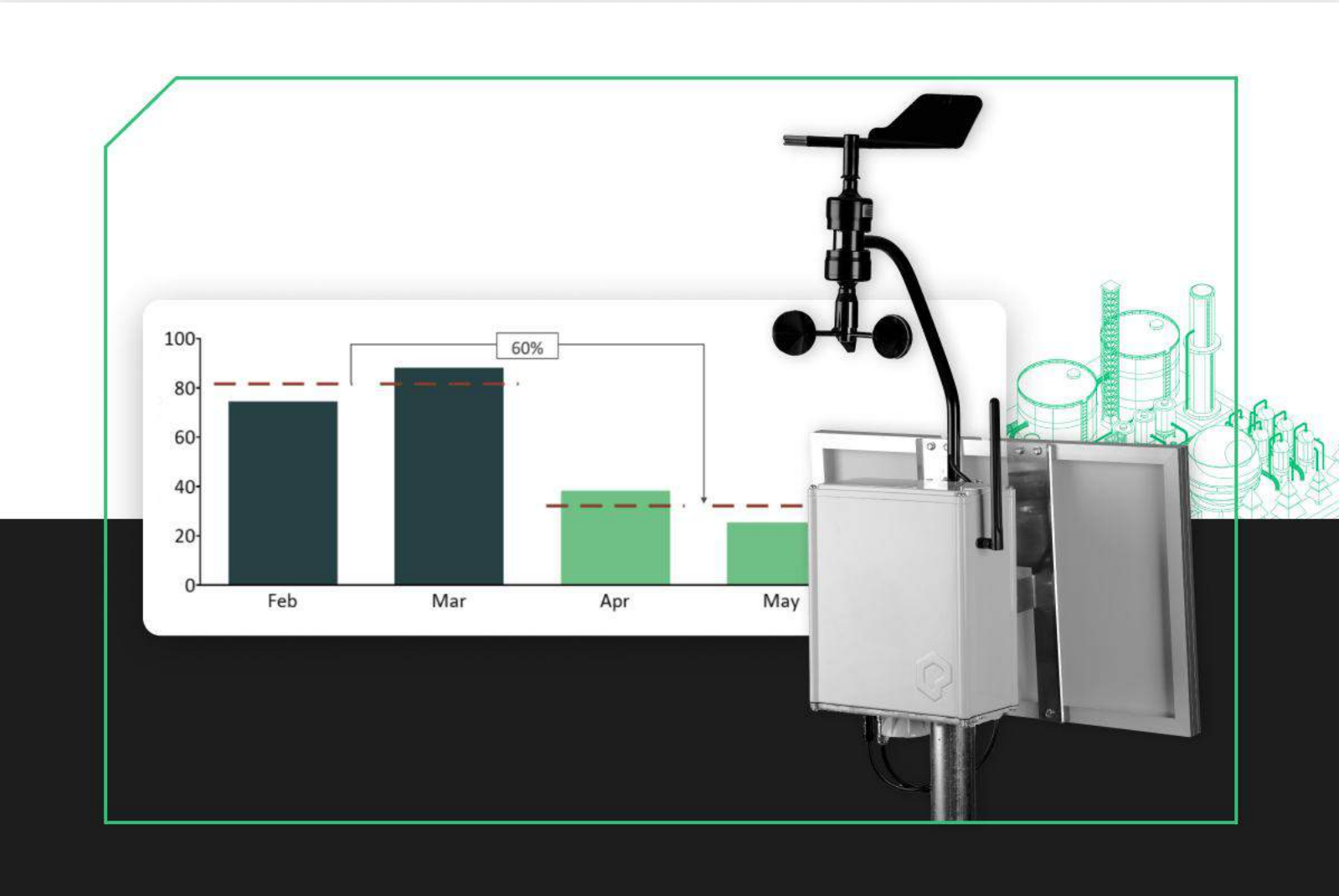
Notification

Owner/operator notifies EPA once super emitter event ends if it was ongoing.

Qube Technologies

Whitepaper Design & Website Thumbnail Design

Qube Technologies (Qube) is a leading producer of AI-based environmental surveillance technology for the upstream energy industry.





WHITEPAPER

ENHANCING OFFSHORE EFFICIENCY:

Leveraging the EXCITE System for Optimal Production Recovery

WHITEPAPER

EXECUTIVE SUMMARY



The EXCITE System addresses critical challenges in offshore drilling, particularly eliminating Lost Circulation Materials (LCMs) and enhancing operational efficiency. Its patented hydraulic actuated system enables targeted fluid injection and effective wellbore cleanout, vital for overcoming LCM issues.



With focused treatments and real-time monitoring, EXCITE System ensures precise treatment fluid placement, reducing waste and maximizing interaction with hydrocarbon-bearing formations. This operational efficiency leads to significant increases in production recovery, with case studies showing oil output improvements of up to 100% and sustained production over time.



The unique design of the EXCITE System allows operators to perform multiple treatments in a single trip, reducing downtime and operational costs. It not only addresses the immediate challenges of LCM but also supports long-term production sustainability and profitability in offshore operations.





WHITEPAPER
Enhancing Offshore Efficiency: Leveraging the EXCITE System for Optimal Production Recovery

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The EXCITE System Solution

EXCITE System Execution

The EXCITE System brings a comprehensive approach to offshore operations, improving wellbore cleanout and stimulation through its innovative features.

- Operational Reliability:** The system's patented hydraulic actuation offers precise control, reducing the risk of equipment failure and operational downtime. It has the unique capability to circulate sand and debris under any operational conditions without requiring mechanical manipulation, reducing downtime and increasing operational efficiency.
- Precision and Control:** Advanced tools and methodologies target LCM removal, restoring wellbore flow integrity quickly. The EXCITE System offers superior precision and control in the execution of stimulation treatments. By specifically targeting the zones that require stimulation, operators can ensure excellent wellbore coverage and fluid penetration into the formation, resulting in longer-lasting production recovery.

Deployment Process:

- Running the EXCITE System:** The system is lowered into the wellbore and configured for cleanout or stimulation, with flexible spacing between packers to optimize precise fluid placement.
- Real-time Data Utilization:** Continuous monitoring allows dynamic adjustments to the treatment process, ensuring optimal results and preventing issues like crossflow or inadequate fluid placement.





Performance Metrics:

- Reduced Non-Productive Time (NPT):** The EXCITE System's hydraulically-activated technology and streamlined processes reduce downtime.
- Cost Effective:** The system outperforms traditional methods in speed and operational efficiency.
- Sustained Production Increase:** Post-treatment evaluations consistently show increased production, sometimes up to 100%, sustained months post-treatment.



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CONCLUSION

The EXCITE System revolutionizes offshore drilling operations by addressing LCM challenges and enhancing production recovery. Its innovative technology minimizes downtime, increases scalability, and improves production efficiency—all while reducing operational costs. For operators in capital-intensive offshore environments, the EXCITE System is a vital solution for sustaining growth and profitability.





WHITEPAPER
Enhancing Offshore Efficiency: Leveraging the EXCITE System for Optimal Production Recovery

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THE FOUNDATION OF
SUCCESSFUL WELL
INTERVENTION



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WHITEPAPER

WANT TO LEARN HOW TO
OPTIMIZE PRODUCTION
WHILE REDUCING
OPERATIONAL COSTS?



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CHALLENGING WELL
CONDITIONS DEMAND
INNOVATIVE SOLUTIONS



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RETHINKING WELL PERFORMANCE:
DATA ISN'T JUST NUMBERS
IT'S A ROADMAP TO SUCCESS




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NORTH SEA
SUCCESS STORY



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INCREASED OIL RECOVERY
IN THE NORTH SEA BY 100%



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The secret to
happy employees?

**Control and
flexibility!**





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Great leadership this week. Your have shared your knowledge by mentoring and coaching junior team members. Thanks!






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Stop playing
Tetris with
shift changes





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| CATEGORY | TITLE | COMPLIANCE WARNING | EMPLOYEE | PREMIUM |
|----------------|-------------|---|---------------|---------|
| Compliance Pay | Premium Pay | Offered less than 14 days of start time | Amalad Danner | \$5 |

Meet the engine that
turns legal complexity
into automated routine




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What if your scheduling
system could think like
your best manager?






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Your profit margin
is only as strong as
your labor model



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PERKS



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WRONG WITH
THE BEST



OUR BESTSELLING CUTS +
EXCLUSIVE FATHER'S
DAY SAVINGS
= THE ULTIMATE WAY TO CELEBRATE

SHOP FATHER'S DAY PICKS

AFFORDABLE
WAGYU IS HERE



Enjoy rich marbling and superior flavor.

SHOP WAGYU

UNLOCK MEATERY
MEMBER BENEFITS



BECOME A MEMBER

YOUR REWARD
IS WAITING

THANKS FOR SHARING
YOUR FEEDBACK —
ENJOY A SPECIAL
DISCOUNT ON US.



SHOP & SAVE

THEY'RE RAISING PRICES,
WE'RE LOWERING THEM



We believe premium meat should be more accessible—not more expensive.

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MEMBERSHIP HAS
ITS PRIVILEGES

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PREMIUM MEATS YOU
VIEWED ARE JUST A
CLICK AWAY.



RETURN TO BROWSE

SAVE UP TO 15% OFF WITH
MILITARY DISCOUNT

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WHO SERVE—EVERY DAY.



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WHOLE PICANHA.
WHOLE FLAVOR.



A Brazilian-style favorite for bold, juicy meals.

SHOP THE PICANHA


A CULINARY DELIGHT
LIKE NO OTHER

ELEVATE YOUR DINING WITH THE EXQUISITE
TASTE OF GRADE A FOIE GRAS.



SHOP FOIE GRAS

EXCEPTIONAL
SEAFOOD
AWAITS



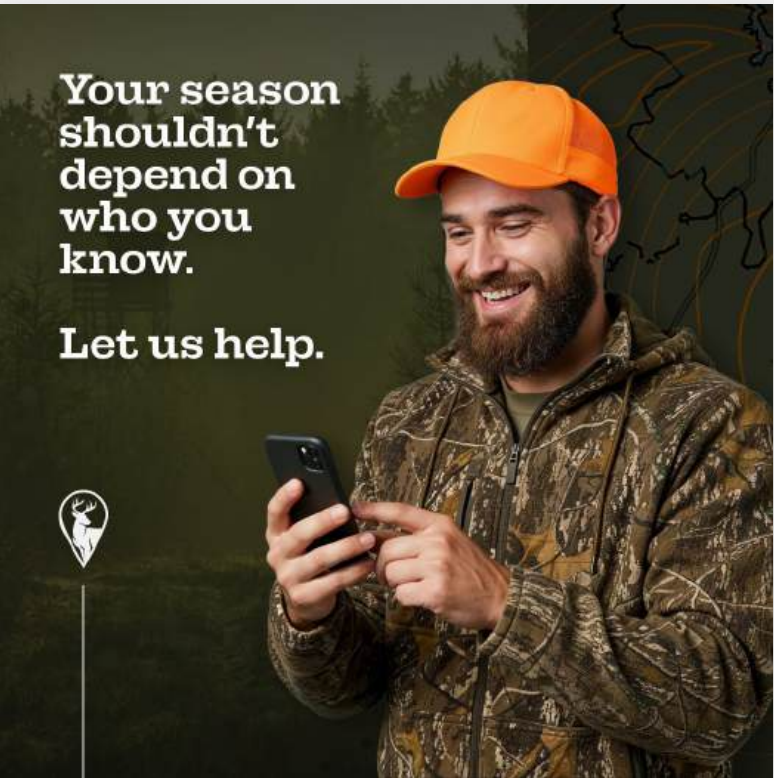
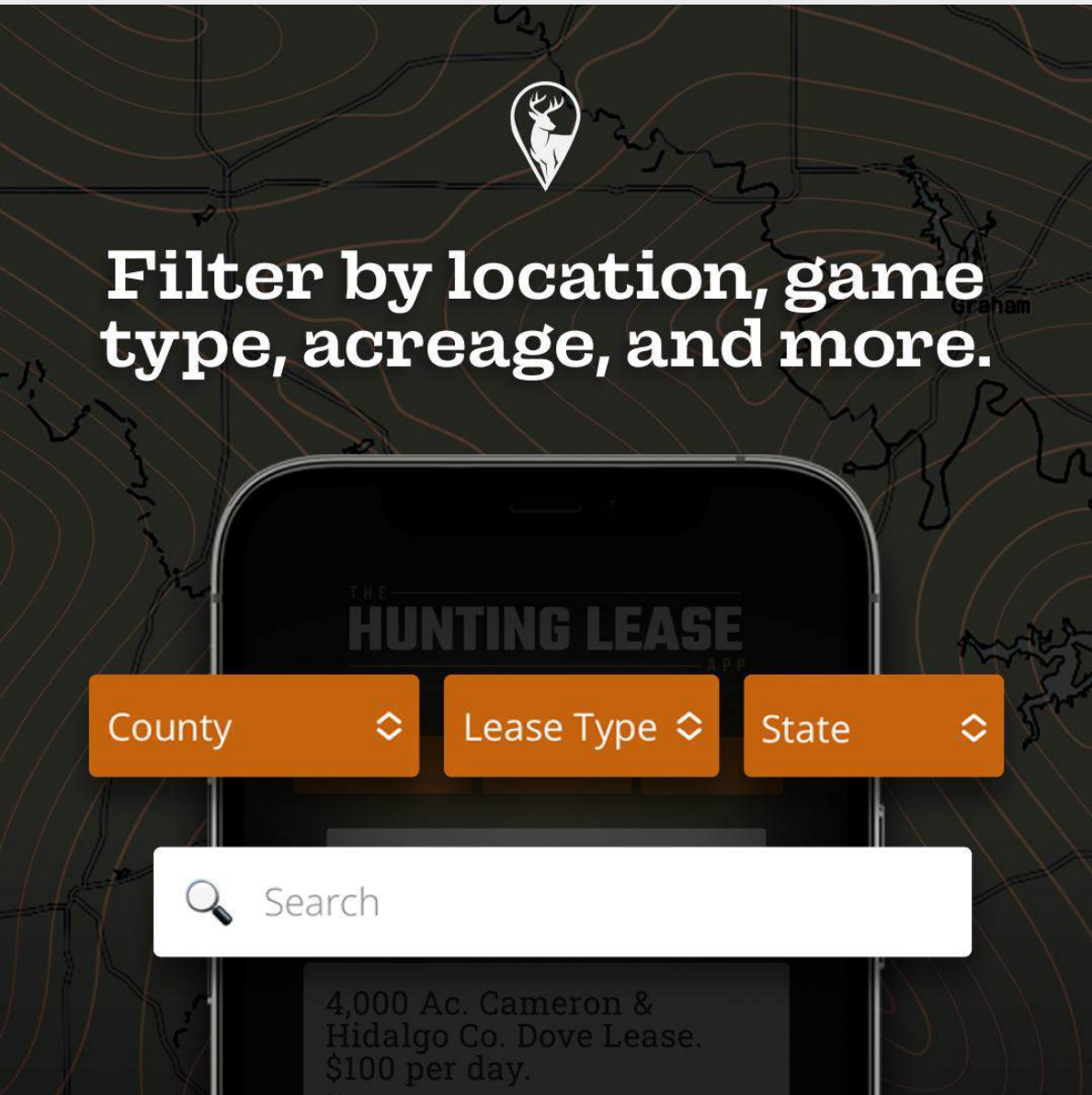
EXPLORE FRESH, LUXURIOUS
SEAFOOD CUTS—STRAIGHT
FROM THE NET TO YOUR PLATE.

SHOP SEAFOOD

The Hunting Lease App

Social Media Post Design

Hunting Lease App is a platform that connects hunters with landowners, allowing users to find and lease hunting properties across multiple states.





Thanks for checking it out!

If you want to see more or you are interested
in working with us, feel free to contact us.