Natural gas company
reduces OPEX by 18%

EZ OPS helps industry-leading natural gas company reduce OPEX by 18%

An already cost-efficient natural gas exploration and production company replaced its fragmented systems and manual processes for field operations in hopes of gaining efficiency and improving production and ESG performance.

THE CHALLENGE

Status quo operations have plagued the oil and gas industry for decades but would there be a measurable upside in changing the way fields are managed? Would implementing EZ Ops field operations management software to optimize operations task prioritization, record keeping and field communications have significant impact for a gas producer that already stressed cost controls and efficiencies across its operations?

THE SOLUTION

The company replaced their old fragmented systems with EZ Ops to optimize management of their operations. EZ Ops consolidates all operations information and provides a central hub where operators can see a prioritized list of field activities, work in sync to complete them, and easily communicate updates in real-time to multiple members of the field team, vendors or management.

> *"EZ Ops mobile platform consolidates and presents fragmented data from various systems in the field, allowing our team to make data-driven decisions each morning."*
>
> **- VP PRODUCTION**

WITH EZ OPS IN PLACE FOR FIELD OPERATION MANAGEMENT:

- Operators could follow the auto-prioritized schedule to optimize trucking logistics, optimize 3rd party logistics, and eliminate redundant communications.
- Teams could most efficiently manage operations activities such as trucking, inspections, compliance management, and monitoring injection rates, calibrations, equipment pressure, heaters, and setpoint changes.
- Operations teams knew the precise tank levels in the fields, which allowed them to book trucks to haul full loads instead of partial loads; significant for production, chemical management and preventing leaks.
- Operators knew what scheduled and unscheduled maintenance needed to happen in the area; allowing them to book full days with contractors, significantly reducing unnecessary driving and containing costs.

"The EZ Ops system has allowed us to streamline operations including preventative maintenance and reduced our time to track down and organize services. One entry in EZ Ops offline reading sheets and all our schedules are calculated and prioritized for us."

- VP PRODUCTION

IN THE FIELD

Once the EZ Ops system was deployed, it revealed optimization opportunities in a number of areas of the gas producer's operations:

PRECISE CHEMICAL MANAGEMENT TO OPTIMIZE PRODUCTION

Using an unnecessary 1L of chemicals costs a producer only a small amount in the moment. But factor in the costs to truck it and the strain it puts on the equipment and then scale that across the entire operation over time? Inefficiencies rise and costs accumulate. EZ Ops helped the producer predict the exact chemical volumes needed to optimize production without adding unnecessary costs. That same chemical monitoring also had the benefit of identifying the risk factors that would make a pump go down so the producer could prevent needless downtime.

### PREDICTIVE SCHEDULING AND MAINTENANCE TO REDUCE ROAD TIME AND COSTS

The producer's field techs were able to see maintenance needs across multiple sites with detailed notes in the EZ Ops software. As a result, they were able to diagnose issues and draft accurate part lists so field techs and vendors could make single trips to the site and still fix multiple issues. The cost savings quickly added up in the form of reduced road time, reduced downtime and reduced vendor costs.

EFFECTIVE COMPLIANCE ACTIVITIES REDUCE METHANE EMISSION INTENSITY

EZ Ops helped streamline compliance tasks for the gas producer, which helped it reduce the intensity of its methane emissions. The centralized information and reporting from the field to head office also made it easier to prepare for AER audits.

ONE-STOP, REAL-TIME COMMUNICATION EMPOWERS FIELD TEAMS TO DO THEIR BEST WORK

In the past, team members had to communicate what had been done and what needed to be done verbally, often at the end of a long work day. EZ Ops changed all that, providing a centralized hub of information where it was clear what had been done, by who, and what needed to happen next, in what priority. Cross-shift handoffs were essentially automated.

Year One Results

18% OPEX ↓

100% ENVIRONMENTAL COMPLIANCE ↑

80% ROAD TIME ↓
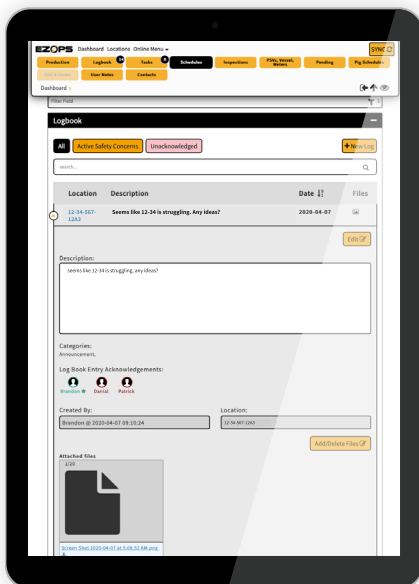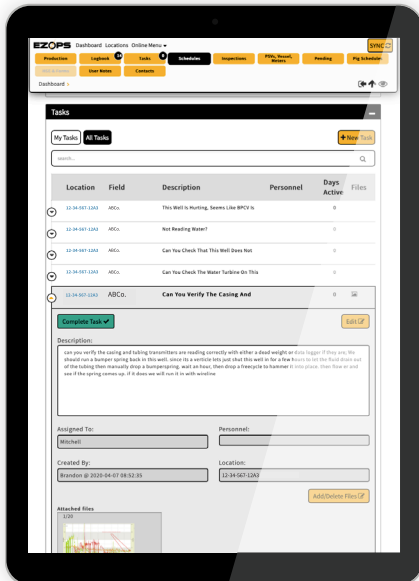
The EZ Ops platform helped the gas producer move to an operate by exception model, prioritizing the most valuable activities for action each day, optimizing its trucking and third party logistics, and streamlining communications across its field teams. Within 12 months of using EZ Ops, the company substantially reduced operating costs, cut emissions and drive time. Here's a snapshot of the impact:

FIELD OPERATIONS IMPACTED

- AREA WITH 100 WELLS
- 2 GAS PROCESSING FACILITIES
- 11 PERSON OPERATING TEAM
- MULTIPLE MAINTENANCE & TRUCKING VENDORS

18% OPEX REDUCTION

EZ Ops equipped the company to reduce OPEX by decreasing maintenance and chemical costs, as well as chemical hauling and disposal costs.

TOP 5 AREAS OF OPEX SAVINGS

1. Road maintenance: **$374,850**
2. Trades people, Parts & labor: **$322,500**
3. Chemical methanol: **$179,800**
4. Chemical hauling: **$131,040**
5. Production / disposal trucking: **$92,380**

Man hours saved:
3,632

Operator savings:
$233,238.48

75%+ OPERATOR DRIVE TIME REDUCTION

Optimized work scheduling with EZ Ops eliminated unnecessary return visits to sites to substantially reduce operator drive time.
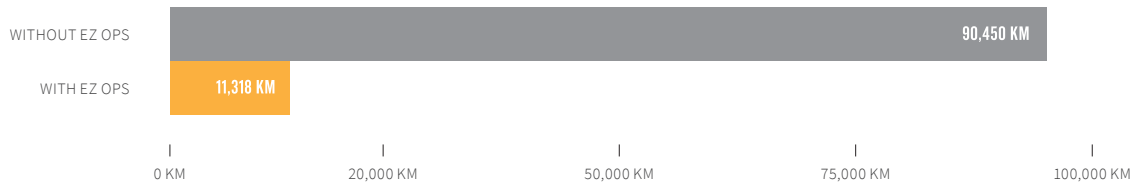
WITHOUT EZ OPS	391,745 KM
WITH EZ OPS	91,014 KM

0 KM 100,000 KM 200,000 KM 300,000 KM 400,000 KM
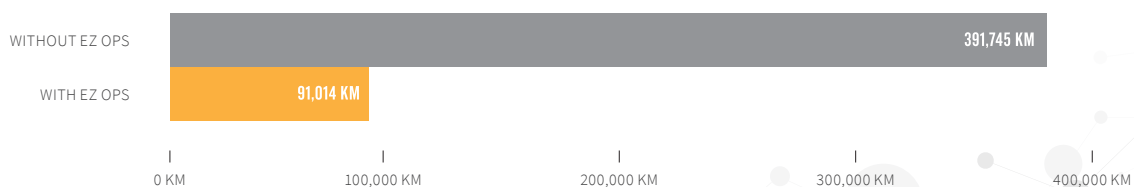
85%+ LARGE TRUCK TRAFFIC REDUCTION

Optimized tank and fluid monitoring, and vendor scheduling with EZ Ops eliminated unnecessary large truck traffic.

WITHOUT EZ OPS	90,450 KM
WITH EZ OPS	11,318 KM

0 KM   20,000 KM   50,000 KM   75,000 KM   100,000 KM

"The reductions we experienced were only possible by pulling all the fragmented systems and data into one place, then having operators compile this information to make the most optimized decisions."

- VP PRODUCTION

Today, EZ Ops is deeply embedded in the gas company's operation both for its impact on the bottom line and its appeal to the field teams. As one operator says about the software: *"Not sure what I would do without EZ Ops, I use it every day to communicate with my team. Everything is referenceable and trackable. It makes my life much easier."*

How can we help you?

Assess how our software can support your efficient operations.

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